

Supplementary table 1

test_id	locus	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
AN0004	ChrVIII_A_nidulans_FGSC_A4:4914420-4920271	WT_5hasex	WT_veg	OK	2,12597	3,44477	0,696284	-1,15371	0,248618	0,516742	no
AN0005	ChrVIII_A_nidulans_FGSC_A4:4911627-4912155	WT_5hasex	WT_veg	NOTEST	0,360943	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0006	ChrVIII_A_nidulans_FGSC_A4:4910727-4911099	WT_5hasex	WT_veg	OK	6,25749	8,2991	0,40737	-0,419457	0,674882	0,855384	no
AN0007	ChrVIII_A_nidulans_FGSC_A4:4909379-4910315	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0009	ChrVIII_A_nidulans_FGSC_A4:4900216-4904305	WT_5hasex	WT_veg	NOTEST	1,93165	2,11121	0,128234	-0,176775	0,859685	1	no
AN0010	ChrVIII_A_nidulans_FGSC_A4:4897621-4899199	WT_5hasex	WT_veg	OK	5,41556	7,64954	0,498262	-0,729582	0,465646	0,724556	no
AN0011	ChrVIII_A_nidulans_FGSC_A4:4894569-4896034	WT_5hasex	WT_veg	OK	7,22562	24,6974	1,77317	-2,71284	0,00667091	0,0376894	yes
AN0012	ChrVIII_A_nidulans_FGSC_A4:4890305-4891143	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0013	ChrVIII_A_nidulans_FGSC_A4:4884694-4886411	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0014	ChrVIII_A_nidulans_FGSC_A4:4882457-4883659	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0015	ChrVIII_A_nidulans_FGSC_A4:4871098-4876233	WT_5hasex	WT_veg	NOTEST	0,385136	0,180249	-1,09537	0,711835	0,476567	1	no
AN0016	ChrVIII_A_nidulans_FGSC_A4:4850516-4868710	WT_5hasex	WT_veg	NOTEST	0,255638	0,131186	-0,962484	1,03332	0,301455	1	no
AN0017	ChrVIII_A_nidulans_FGSC_A4:4849024-4849885	WT_5hasex	WT_veg	OK	2,82061	3,51272	0,31658	-0,334708	0,737846	0,889854	no
AN0018	ChrVIII_A_nidulans_FGSC_A4:4846513-4848316	WT_5hasex	WT_veg	OK	0,378118	4,34483	3,52239	-3,55318	0,0003806	0,003444	yes
AN0019	ChrVIII_A_nidulans_FGSC_A4:4843901-4845381	WT_5hasex	WT_veg	NOTEST	0,549807	0,819109	0,57513	-0,404727	0,685679	1	no
AN0020	ChrVIII_A_nidulans_FGSC_A4:4841990-4842598	WT_5hasex	WT_veg	NOTEST	0,509804	1,90613	1,90263	-0,836934	0,40263	1	no
AN0021	ChrVIII_A_nidulans_FGSC_A4:4839819-4840539	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0023	ChrVIII_A_nidulans_FGSC_A4:4834544-4835927	WT_5hasex	WT_veg	OK	3,60379	8,10321	1,16898	-1,53053	0,125887	0,337877	no
AN0024	ChrVIII_A_nidulans_FGSC_A4:4831869-4833284	WT_5hasex	WT_veg	NOTEST	0,213737	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN0025	ChrVIII_A_nidulans_FGSC_A4:4829756-4831697	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0026	ChrVIII_A_nidulans_FGSC_A4:4827067-4829243	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0027	ChrVIII_A_nidulans_FGSC_A4:4825302-4827007	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0028	ChrVIII_A_nidulans_FGSC_A4:4823699-4824915	WT_5hasex	WT_veg	NOTEST	0,638649	3,06335	2,26201	-2,16205	0,0306142	1	no
AN0029	ChrVIII_A_nidulans_FGSC_A4:4821464-4823218	WT_5hasex	WT_veg	NOTEST	0,713612	0,51962	-0,457681	0,303755	0,761314	1	no
AN0030	ChrVIII_A_nidulans_FGSC_A4:4814161-4815730	WT_5hasex	WT_veg	OK	0,803964	5,33271	2,72967	-2,95251	0,00315199	0,0203713	yes
AN0031	ChrVIII_A_nidulans_FGSC_A4:4812355-4813933	WT_5hasex	WT_veg	OK	10,0029	43,0269	2,10482	-3,42087	0,00062421	0,00526216	yes
AN0032	ChrVIII_A_nidulans_FGSC_A4:4811391-4811990	WT_5hasex	WT_veg	NOTEST	0,728037	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN0033	ChrVIII_A_nidulans_FGSC_A4:4809844-4811081	WT_5hasex	WT_veg	OK	4,49865	11,6702	1,37527	-1,86168	0,0626485	0,208359	no
AN0034	ChrVIII_A_nidulans_FGSC_A4:4806822-4808836	WT_5hasex	WT_veg	OK	20,0647	120,449	2,58569	-4,50206	6,7298E-06	0,00010099	yes
AN0035	ChrVIII_A_nidulans_FGSC_A4:4801808-4803666	WT_5hasex	WT_veg	NOTEST	0,267264	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN0036	ChrVIII_A_nidulans_FGSC_A4:4800068-4801219	WT_5hasex	WT_veg	NOTEST	0,543269	3,15676	2,53871	-2,39927	0,0164279	1	no
AN0039	ChrVIII_A_nidulans_FGSC_A4:4779624-4781285	WT_5hasex	WT_veg	OK	8,53195	19,3308	1,17995	-1,97455	0,0483187	0,173412	no
AN0040	ChrVIII_A_nidulans_FGSC_A4:4775775-4779226	WT_5hasex	WT_veg	OK	12,2189	13,5723	0,15155	-0,30167	0,762904	0,902166	no
AN0041	ChrVIII_A_nidulans_FGSC_A4:4774331-4774603	WT_5hasex	WT_veg	OK	3,11543	18,619	2,57928	-1,8986	0,057617	0,196195	no
AN0042	ChrVIII_A_nidulans_FGSC_A4:4772053-4773936	WT_5hasex	WT_veg	OK	15,6086	19,7536	0,339775	-0,629428	0,529069	0,768894	no
AN0043	ChrVIII_A_nidulans_FGSC_A4:4770368-4771612	WT_5hasex	WT_veg	OK	19,5101	67,4958	1,79058	-3,26871	0,0010804	0,00837381	yes
AN0044	ChrVIII_A_nidulans_FGSC_A4:4766398-4770007	WT_5hasex	WT_veg	OK	3,86566	8,10596	1,06827	-1,80816	0,0705814	0,226978	no
AN0045	ChrVIII_A_nidulans_FGSC_A4:4764731-4766336	WT_5hasex	WT_veg	OK	675,819	9831,42	3,86269	-4,75356	1,9986E-06	3,4373E-05	yes
AN0046	ChrVIII_A_nidulans_FGSC_A4:4762490-4764478	WT_5hasex	WT_veg	OK	112,473	257,732	1,1963	-2,43508	0,0148885	0,0711329	no
AN0048	ChrVIII_A_nidulans_FGSC_A4:4755903-4758327	WT_5hasex	WT_veg	OK	4,12193	6,26933	0,604992	-0,927939	0,353439	0,629001	no
AN0049	ChrVIII_A_nidulans_FGSC_A4:4754476-4755491	WT_5hasex	WT_veg	OK	45,1255	49,3072	0,127857	-0,249723	0,802802	0,920364	no
AN0050	ChrVIII_A_nidulans_FGSC_A4:4748990-4750182	WT_5hasex	WT_veg	OK	113,143	212,933	0,912248	-1,42527	0,15408	0,385767	no
AN0051	ChrVIII_A_nidulans_FGSC_A4:4747392-4748609	WT_5hasex	WT_veg	OK	142,582	396,65	1,47607	-2,27318	0,0230151	0,0990423	no
AN0052	ChrVIII_A_nidulans_FGSC_A4:4746266-4747258	WT_5hasex	WT_veg	OK	98,0011	62,211	-0,655628	1,26689	0,205196	0,461647	no
AN0053	ChrVIII_A_nidulans_FGSC_A4:4744983-4745847	WT_5hasex	WT_veg	OK	67,479	77,6105	0,201813	-0,40501	0,68547	0,861637	no
AN0054	ChrVIII_A_nidulans_FGSC_A4:4739984-4741971	WT_5hasex	WT_veg	OK	235,769	218,74	-0,108156	0,199299	0,842029	0,937552	no
AN0056	ChrVIII_A_nidulans_FGSC_A4:4733546-4735434	WT_5hasex	WT_veg	OK	37,4486	338,174	3,17478	-6,04296	1,5131E-09	5,1454E-08	yes
AN0057	ChrVIII_A_nidulans_FGSC_A4:4728142-4729467	WT_5hasex	WT_veg	OK	57,6779	93,2287	0,692755	-1,40944	0,158705	0,393586	no
AN0058	ChrVIII_A_nidulans_FGSC_A4:4726361-4727612	WT_5hasex	WT_veg	OK	2,03034	5,87148	1,532	-1,82679	0,0677321	0,220234	no
AN0059	ChrVIII_A_nidulans_FGSC_A4:4724343-4725651	WT_5hasex	WT_veg	OK	6,38992	13,6329	1,09322	-1,68359	0,0922607	0,273747	no
AN0061	ChrVIII_A_nidulans_FGSC_A4:4717762-4719633	WT_5hasex	WT_veg	OK	139,293	868,528	2,64045	-5,23258	1,6716E-07	3,6882E-06	yes
AN0062	ChrVIII_A_nidulans_FGSC_A4:4717762-4719633	WT_5hasex	WT_veg	OK	19,1859	44,1501	1,20237	-2,0076	0,0446855	0,163738	no

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AN0063	ChrVIII_A_nidulans_FGSC_A4:4715202-4717107	WT_5hasex	WT_veg	OK	45,4153	49,2643	0,117364	-0,239945	0,810373	0,923961	no
AN0064	ChrVIII_A_nidulans_FGSC_A4:4713117-4714721	WT_5hasex	WT_veg	OK	19,2996	21,1725	0,133622	-0,253172	0,800135	0,919339	no
AN0065	ChrVIII_A_nidulans_FGSC_A4:4711663-4712857	WT_5hasex	WT_veg	OK	23,4796	27,5759	0,231999	-0,427568	0,668966	0,851909	no
AN0066	ChrVIII_A_nidulans_FGSC_A4:4709834-4711308	WT_5hasex	WT_veg	OK	40,1174	76,8854	0,938482	-1,85618	0,0634273	0,210126	no
AN0067	ChrVIII_A_nidulans_FGSC_A4:4707089-4708820	WT_5hasex	WT_veg	OK	149,628	285,008	0,929622	-1,86822	0,0617307	0,206283	no
AN0068	ChrVIII_A_nidulans_FGSC_A4:4706211-4706889	WT_5hasex	WT_veg	OK	70,9664	122,365	0,785985	-1,55958	0,11886	0,325674	no
AN0071	ChrVIII_A_nidulans_FGSC_A4:4696732-4700512	WT_5hasex	WT_veg	OK	44,3821	86,6656	0,965483	-1,96764	0,049109	0,175396	no
AN0072	ChrVIII_A_nidulans_FGSC_A4:4695138-4696366	WT_5hasex	WT_veg	OK	22,0221	74,7037	1,76223	-3,25343	0,00114019	0,00874792	yes
AN0073	ChrVIII_A_nidulans_FGSC_A4:4691012-4694821	WT_5hasex	WT_veg	OK	20,5025	55,4868	1,43634	-2,80295	0,00506382	0,300046	yes
AN0074	ChrVIII_A_nidulans_FGSC_A4:4691012-4694821	WT_5hasex	WT_veg	OK	37,3422	128,411	1,78189	-3,6273	0,0002864	0,00271295	yes
AN0076	ChrVIII_A_nidulans_FGSC_A4:4685654-4688558	WT_5hasex	WT_veg	OK	97,0324	62,5388	-0,633715	1,265	0,20587	0,462498	no
AN0077	ChrVIII_A_nidulans_FGSC_A4:4683920-4685357	WT_5hasex	WT_veg	OK	31,6515	51,9053	0,713606	-1,21674	0,223705	0,485649	no
AN0080	ChrVIII_A_nidulans_FGSC_A4:4673090-4673873	WT_5hasex	WT_veg	OK	3,72133	14,9811	2,00926	-2,46056	0,0138721	0,0673327	no
AN0083	ChrVIII_A_nidulans_FGSC_A4:4664600-4666244	WT_5hasex	WT_veg	OK	109,426	205,879	0,911839	-1,88441	0,0595095	0,20116	no
AN0084	ChrVIII_A_nidulans_FGSC_A4:4662944-4664366	WT_5hasex	WT_veg	OK	287,263	436,459	0,603476	-1,19557	0,231863	0,496166	no
AN0085	ChrVIII_A_nidulans_FGSC_A4:4660129-4662526	WT_5hasex	WT_veg	OK	106,278	122,089	0,200079	-0,402186	0,687547	0,862691	no
AN0086	ChrVIII_A_nidulans_FGSC_A4:4656524-4658697	WT_5hasex	WT_veg	OK	103,638	144,788	0,482389	-0,989388	0,322473	0,598698	no
AN0087	ChrVIII_A_nidulans_FGSC_A4:4652443-4654532	WT_5hasex	WT_veg	OK	19,5212	33,5492	0,781235	-1,51873	0,128829	0,343331	no
AN0088	ChrVIII_A_nidulans_FGSC_A4:4650696-4652418	WT_5hasex	WT_veg	OK	48,7876	68,5192	0,489993	-0,976686	0,328725	0,605135	no
AN0090	ChrVIII_A_nidulans_FGSC_A4:4648079-4648819	WT_5hasex	WT_veg	OK	39,5467	43,3921	0,133876	-0,23925	0,810912	0,924189	no
AN0091	ChrVIII_A_nidulans_FGSC_A4:4646137-4647700	WT_5hasex	WT_veg	OK	46,6989	129,512	1,47162	-2,83594	0,00456916	0,0276701	yes
AN0092	ChrVIII_A_nidulans_FGSC_A4:4643142-4645797	WT_5hasex	WT_veg	OK	19,4711	153,003	2,97415	-6,00695	1,8904E-09	6,2539E-08	yes
AN0093	ChrVIII_A_nidulans_FGSC_A4:4640118-4642856	WT_5hasex	WT_veg	OK	47,859	90,6436	0,921416	-1,87237	0,0611559	0,204893	no
AN0094	ChrVIII_A_nidulans_FGSC_A4:4636907-4639781	WT_5hasex	WT_veg	OK	39,1399	38,5919	-0,0203397	0,04204	0,966467	0,98772	no
AN0095	ChrVIII_A_nidulans_FGSC_A4:4632764-4634499	WT_5hasex	WT_veg	OK	12,3261	19,0115	0,625153	-1,12507	0,260558	0,530985	no
AN0096	ChrVIII_A_nidulans_FGSC_A4:4628639-4632093	WT_5hasex	WT_veg	OK	7,23592	6,63628	-0,124802	0,224267	0,822549	0,929108	no
AN0097	ChrVIII_A_nidulans_FGSC_A4:4624823-4628267	WT_5hasex	WT_veg	OK	20,4623	87,5354	2,0969	-4,24036	2,2316E-05	0,00029385	yes
AN0099	ChrVIII_A_nidulans_FGSC_A4:4615837-4616800	WT_5hasex	WT_veg	NOTEST	0,369072	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN0100	ChrVIII_A_nidulans_FGSC_A4:4613961-4615108	WT_5hasex	WT_veg	NOTEST	0,378815	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN0101	ChrVIII_A_nidulans_FGSC_A4:4612788-4613642	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0102	ChrVIII_A_nidulans_FGSC_A4:4610061-4611330	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0103	ChrVIII_A_nidulans_FGSC_A4:4603388-4605178	WT_5hasex	WT_veg	OK	19,7474	25,1079	0,346479	-0,639119	0,522745	0,764994	no
AN0104	ChrVIII_A_nidulans_FGSC_A4:4600677-4602038	WT_5hasex	WT_veg	OK	21,3309	61,2924	1,52276	-2,80619	0,00501309	0,0297875	yes
AN0105	ChrVIII_A_nidulans_FGSC_A4:4600078-4600539	WT_5hasex	WT_veg	OK	26,325	98,0764	1,89747	-3,05222	0,00227159	0,0155217	yes
AN0107	ChrVIII_A_nidulans_FGSC_A4:4592524-4593508	WT_5hasex	WT_veg	NOTEST	0,737352	3,58334	2,28088	-2,15888	0,0308593	1	no
AN0108	ChrVIII_A_nidulans_FGSC_A4:4586933-4590792	WT_5hasex	WT_veg	OK	13,7186	29,6088	1,10989	-2,23667	0,0253077	0,106453	no
AN0109	ChrVIII_A_nidulans_FGSC_A4:4585557-4586549	WT_5hasex	WT_veg	OK	66,8472	147,71	1,14383	-2,30808	0,0209949	0,0925451	no
AN0110	ChrVIII_A_nidulans_FGSC_A4:4584218-4585392	WT_5hasex	WT_veg	OK	199,719	239,67	0,263079	-0,540611	0,588776	0,806406	no
AN0111	ChrVIII_A_nidulans_FGSC_A4:4581166-4583901	WT_5hasex	WT_veg	OK	55,5195	70,1884	0,338238	-0,698551	0,484833	0,738952	no
AN0112	ChrVIII_A_nidulans_FGSC_A4:4575225-4580254	WT_5hasex	WT_veg	OK	13,5514	10,5183	-0,365532	0,745654	0,455876	0,717048	no
AN0114	ChrVIII_A_nidulans_FGSC_A4:4566817-4568760	WT_5hasex	WT_veg	OK	6,49187	14,2094	1,13014	-1,8715	0,0612755	0,205181	no
AN0116	ChrVIII_A_nidulans_FGSC_A4:4555075-4555635	WT_5hasex	WT_veg	OK	125,324	442,262	1,81924	-3,66342	0,00024887	0,00240526	yes
AN0117	ChrVIII_A_nidulans_FGSC_A4:4553065-4554620	WT_5hasex	WT_veg	OK	250,162	647,402	1,3718	-2,67947	0,00737385	0,0408202	yes
AN0121	ChrVIII_A_nidulans_FGSC_A4:4531499-4532725	WT_5hasex	WT_veg	OK	51,855	77,3003	0,575989	-1,16324	0,24473	0,5123	no
AN0122	ChrVIII_A_nidulans_FGSC_A4:4527898-4530898	WT_5hasex	WT_veg	OK	78,9994	146,955	0,895465	-1,83154	0,0670206	0,21864	no
AN0123	ChrVIII_A_nidulans_FGSC_A4:4526741-4527507	WT_5hasex	WT_veg	OK	68,0151	159,767	1,23204	-2,44302	0,0145649	0,0699567	no
AN0124	ChrVIII_A_nidulans_FGSC_A4:4525021-4526381	WT_5hasex	WT_veg	OK	25,3654	102,987	2,02153	-3,88085	0,00010409	0,0011359	yes
AN0126	ChrVIII_A_nidulans_FGSC_A4:4516233-4518613	WT_5hasex	WT_veg	OK	5,64041	7,31367	0,374794	-0,614571	0,538838	0,774754	no
AN0127	ChrVIII_A_nidulans_FGSC_A4:4514400-4515922	WT_5hasex	WT_veg	OK	41,0439	35,6855	-0,201831	0,404381	0,685933	0,861869	no
AN0128	ChrVIII_A_nidulans_FGSC_A4:4510242-4513779	WT_5hasex	WT_veg	OK	7,93467	13,7471	0,792885	-1,47117	0,141246	0,364605	no
AN0129	ChrVIII_A_nidulans_FGSC_A4:4505670-4507950	WT_5hasex	WT_veg	OK	93,1163	82,9995	-0,165933	0,335008	0,737619	0,889795	no
AN0130	ChrVIII_A_nidulans_FGSC_A4:4501648-4502968	WT_5hasex	WT_veg	OK	3,49408	11,7061	1,74427	-2,46849	0,0135684	0,0661714	no
AN0131	ChrVIII_A_nidulans_FGSC_A4:4500818-4501493	WT_5hasex	WT_veg	OK	115,203	68,965	-0,740236	1,48923	0,136428	0,356562	no

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AN0132	ChrVIII_A_nidulans_FGSC_A4:4498288-4500454	WT_5hasex	WT_veg	OK	39,7059	29,9603	-0,406303	0,83007	0,406499	0,677114	no
AN0133	ChrVIII_A_nidulans_FGSC_A4:4495378-4497825	WT_5hasex	WT_veg	OK	21,8452	77,0364	1,81822	-3,70008	0,00021553	0,00212352	yes
AN0135	ChrVIII_A_nidulans_FGSC_A4:4487580-4490736	WT_5hasex	WT_veg	OK	63,6322	109,623	0,784722	-1,49518	0,134867	0,35389	no
AN0136	ChrVIII_A_nidulans_FGSC_A4:4485405-4486009	WT_5hasex	WT_veg	NOTEST	0	2,79062	1.79769e+308	1.79769e+308	0,123323	1	no
AN0137	ChrVIII_A_nidulans_FGSC_A4:4480722-4484775	WT_5hasex	WT_veg	OK	62,6612	119,937	0,936627	-1,71309	0,0866954	0,262314	no
AN0138	ChrVIII_A_nidulans_FGSC_A4:4479057-4480299	WT_5hasex	WT_veg	OK	10,8088	13,7681	0,349119	-0,567842	0,570142	0,795219	no
AN0139	ChrVIII_A_nidulans_FGSC_A4:4476507-4478248	WT_5hasex	WT_veg	OK	2,76655	5,61138	1,02027	-1,39385	0,163362	0,400312	no
AN0140	ChrVIII_A_nidulans_FGSC_A4:4473947-4475689	WT_5hasex	WT_veg	OK	180,81	238,523	0,399653	-0,80607	0,420202	0,688387	no
AN0141	ChrVIII_A_nidulans_FGSC_A4:4472157-4473886	WT_5hasex	WT_veg	OK	6,49559	43,402	2,74023	-4,43937	9,0222E-06	0,00013136	yes
AN0142	ChrVIII_A_nidulans_FGSC_A4:4470456-4471892	WT_5hasex	WT_veg	OK	63,9716	175,553	1,4564	-2,98794	0,00280867	0,0184973	yes
AN0143	ChrVIII_A_nidulans_FGSC_A4:4469673-4470275	WT_5hasex	WT_veg	OK	29,4368	79,8075	1,4389	-2,43463	0,0149069	0,0711852	no
AN0144	ChrVIII_A_nidulans_FGSC_A4:4465571-4467710	WT_5hasex	WT_veg	OK	19,5764	44,2194	1,17557	-2,29053	0,0219906	0,095766	no
AN0153	ChrVIII_A_nidulans_FGSC_A4:4432717-4435471	WT_5hasex	WT_veg	OK	17,324	35,5826	1,0384	-2,07585	0,0379079	0,144943	no
AN0154	ChrVIII_A_nidulans_FGSC_A4:4431441-4432479	WT_5hasex	WT_veg	OK	21,2987	29,0353	0,447046	-0,778005	0,436566	0,701639	no
AN0156	ChrVIII_A_nidulans_FGSC_A4:4423753-4425606	WT_5hasex	WT_veg	OK	20,6611	46,8648	1,18159	-2,30623	0,0210977	0,0928538	no
AN0157	ChrVIII_A_nidulans_FGSC_A4:4421431-4422498	WT_5hasex	WT_veg	NOTEST	0,822949	2,69223	1,70993	-1,43301	0,151856	1	no
AN0158	ChrVIII_A_nidulans_FGSC_A4:4420117-4421315	WT_5hasex	WT_veg	OK	92,7901	128,714	0,472125	-0,974381	0,329867	0,606261	no
AN0159	ChrVIII_A_nidulans_FGSC_A4:4415377-4418385	WT_5hasex	WT_veg	OK	27,4542	5,3969	-2,34682	4,31565	1,5914E-05	0,0002187	yes
AN0160	ChrVIII_A_nidulans_FGSC_A4:4413907-4414858	WT_5hasex	WT_veg	OK	26,4072	45,2014	0,775437	-1,42768	0,153383	0,384692	no
AN0161	ChrVIII_A_nidulans_FGSC_A4:4411488-4413423	WT_5hasex	WT_veg	OK	59,3383	72,2508	0,284051	-0,586759	0,557366	0,786992	no
AN0162	ChrVIII_A_nidulans_FGSC_A4:4408979-4411340	WT_5hasex	WT_veg	OK	64,3563	138,008	1,1006	-2,29176	0,0219196	0,0955205	no
AN0163	ChrVIII_A_nidulans_FGSC_A4:4405551-4406679	WT_5hasex	WT_veg	OK	197,505	252,435	0,354019	-0,690036	0,490172	0,742753	no
AN0164	ChrVIII_A_nidulans_FGSC_A4:4404537-4405538	WT_5hasex	WT_veg	OK	48,7331	50,7498	0,0584992	-0,115999	0,907653	0,964677	no
AN0165	ChrVIII_A_nidulans_FGSC_A4:4401063-4403839	WT_5hasex	WT_veg	OK	18,8843	32,1804	0,768991	-1,55433	0,120105	0,3279	no
AN0166	ChrVIII_A_nidulans_FGSC_A4:4398520-4400860	WT_5hasex	WT_veg	OK	46,5301	130,734	1,49039	-3,08685	0,0020229	0,0141075	yes
AN0167	ChrVIII_A_nidulans_FGSC_A4:4396928-4398277	WT_5hasex	WT_veg	OK	43,2643	47,6654	0,139764	-0,282895	0,777257	0,908905	no
AN0168	ChrVIII_A_nidulans_FGSC_A4:4389598-4391884	WT_5hasex	WT_veg	OK	34,3498	150,528	2,13166	-4,48595	7,259E-06	0,00010837	yes
AN0169	ChrVIII_A_nidulans_FGSC_A4:4388862-4389376	WT_5hasex	WT_veg	OK	21,3046	67,1501	1,65623	-2,6619	0,00777013	0,0425821	yes
AN0171	ChrVIII_A_nidulans_FGSC_A4:4384612-4385972	WT_5hasex	WT_veg	OK	3,90003	3,43445	-0,183407	0,218762	0,826836	0,931115	no
AN0172	ChrVIII_A_nidulans_FGSC_A4:4376390-4378904	WT_5hasex	WT_veg	OK	3,89892	2,21719	-0,81434	1,14821	0,250883	0,519528	no
AN0173	ChrVIII_A_nidulans_FGSC_A4:4373559-4375111	WT_5hasex	WT_veg	OK	8,89286	16,0061	0,847907	-1,40168	0,16101	0,396598	no
AN0174	ChrVIII_A_nidulans_FGSC_A4:4371109-4372432	WT_5hasex	WT_veg	OK	18,9319	42,1838	1,15587	-1,90634	0,0566056	0,193751	no
AN0177	ChrVIII_A_nidulans_FGSC_A4:4363124-4363403	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0178	ChrVIII_A_nidulans_FGSC_A4:4361318-4362951	WT_5hasex	WT_veg	OK	17,3813	11,9848	-0,536328	0,894101	0,371268	0,646051	no
AN0179	ChrVIII_A_nidulans_FGSC_A4:4356848-4358133	WT_5hasex	WT_veg	OK	148,392	283,478	0,933823	-1,78597	0,0741048	0,234623	no
AN0180	ChrVIII_A_nidulans_FGSC_A4:4355797-4356737	WT_5hasex	WT_veg	OK	1,56272	5,60814	1,84346	-2,07465	0,0380186	0,145261	no
AN0181	ChrVIII_A_nidulans_FGSC_A4:4353937-4355006	WT_5hasex	WT_veg	OK	17,113	5,12838	-1,73851	2,56238	0,0103956	0,0537388	no
AN0183	ChrVIII_A_nidulans_FGSC_A4:4348692-4349673	WT_5hasex	WT_veg	OK	170,087	244,656	0,524479	-1,08771	0,276722	0,549917	no
AN0184	ChrVIII_A_nidulans_FGSC_A4:4347509-4348293	WT_5hasex	WT_veg	OK	137,445	146,291	0,0899893	-0,183614	0,854316	0,943067	no
AN0186	ChrVIII_A_nidulans_FGSC_A4:4343646-4345223	WT_5hasex	WT_veg	OK	415,56	238,747	-0,799574	1,42291	0,154761	0,386862	no
AN0187	ChrVIII_A_nidulans_FGSC_A4:4341214-4341615	WT_5hasex	WT_veg	NOTEST	1,21456	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0189	ChrVIII_A_nidulans_FGSC_A4:4334400-4335267	WT_5hasex	WT_veg	OK	3,48922	6,94241	0,992529	-1,24306	0,213846	0,473185	no
AN0190	ChrVIII_A_nidulans_FGSC_A4:4332493-4333752	WT_5hasex	WT_veg	OK	31,6422	98,7533	1,64198	-3,22339	0,00126683	0,00954217	yes
AN0191	ChrVIII_A_nidulans_FGSC_A4:4330732-4332028	WT_5hasex	WT_veg	OK	23,9158	75,6384	1,66116	-3,14007	0,00168909	0,0121249	yes
AN0192	ChrVIII_A_nidulans_FGSC_A4:4329818-4330600	WT_5hasex	WT_veg	OK	51,3463	243,073	2,24306	-4,29431	1,7524E-05	0,00023802	yes
AN0193	ChrVIII_A_nidulans_FGSC_A4:4328771-4329816	WT_5hasex	WT_veg	OK	49,9026	94,7117	0,924429	-1,85496	0,0636026	0,21053	no
AN0195	ChrVIII_A_nidulans_FGSC_A4:4322704-4324441	WT_5hasex	WT_veg	NOTEST	0,781339	0,401176	-0,961711	0,625813	0,531438	1	no
AN0196	ChrVIII_A_nidulans_FGSC_A4:4321268-4322661	WT_5hasex	WT_veg	NOTEST	0,149137	0,607512	-0,202628	-0,852378	0,394004	1	no
AN0197	ChrVIII_A_nidulans_FGSC_A4:4316969-4319576	WT_5hasex	WT_veg	OK	2,45917	0,838695	-1,55195	1,4241	0,154417	0,386351	no
AN0198	ChrVIII_A_nidulans_FGSC_A4:4315935-4316855	WT_5hasex	WT_veg	OK	7,59459	14,8216	0,964654	-1,41938	0,155789	0,388468	no
AN0200	ChrVIII_A_nidulans_FGSC_A4:4311281-4312293	WT_5hasex	WT_veg	OK	38,2384	75,3854	0,979264	-1,77886	0,075262	0,237312	no
AN0201	ChrVIII_A_nidulans_FGSC_A4:4308613-4310437	WT_5hasex	WT_veg	OK	17,2229	45,3373	1,39637	-2,61188	0,00900458	0,0479921	yes
AN0203	ChrVIII_A_nidulans_FGSC_A4:4303963-4305380	WT_5hasex	WT_veg	OK	6,62875	8,03068	0,276786	-0,418886	0,675299	0,855621	no

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AN0204	ChrVIII_A_nidulans_FGSC_A4:4301514-4303917	WT_5hasex	WT_veg	OK	9,00422	51,9585	2,52869	-4,49786	6,8641E-06	0,00010286	yes
AN0206	ChrVIII_A_nidulans_FGSC_A4:4297013-4299522	WT_5hasex	WT_veg	OK	35,1213	60,0536	0,773906	-1,6005	0,109488	0,308395	no
AN0207	ChrVIII_A_nidulans_FGSC_A4:4294939-4296632	WT_5hasex	WT_veg	OK	9,37082	10,9332	0,222471	-0,374893	0,70774	0,873848	no
AN0208	ChrVIII_A_nidulans_FGSC_A4:4291949-4293159	WT_5hasex	WT_veg	OK	5,92421	10,219	0,786561	-1,12787	0,259375	0,529588	no
AN0210	ChrVIII_A_nidulans_FGSC_A4:4284329-4287215	WT_5hasex	WT_veg	OK	74,2002	127,023	0,775596	-1,57322	0,115668	0,319437	no
AN0211	ChrVIII_A_nidulans_FGSC_A4:4282548-4283561	WT_5hasex	WT_veg	OK	51,0807	126,14	1,30417	-2,56119	0,0104315	0,0538607	no
AN0212	ChrVIII_A_nidulans_FGSC_A4:4280935-4281941	WT_5hasex	WT_veg	OK	33,6675	109,048	1,69554	-3,1727	0,00151028	0,0110595	yes
AN0213	ChrVIII_A_nidulans_FGSC_A4:4275712-4277304	WT_5hasex	WT_veg	OK	74,5818	114,963	0,624271	-1,29345	0,195857	0,448604	no
AN0214	ChrVIII_A_nidulans_FGSC_A4:4272176-4273606	WT_5hasex	WT_veg	OK	56,818	24,9821	-1,18545	2,38777	0,0169509	0,0786141	no
AN0215	ChrVIII_A_nidulans_FGSC_A4:4268628-4270287	WT_5hasex	WT_veg	NOTEST	1,42592	0,892742	-0,67558	0,460357	0,64526	1	no
AN0216	ChrVIII_A_nidulans_FGSC_A4:4266160-4267356	WT_5hasex	WT_veg	OK	8,26342	0,166058	-5,63698	1,89076	0,0586562	0,198906	no
AN0217	ChrVIII_A_nidulans_FGSC_A4:4262393-4264184	WT_5hasex	WT_veg	NOTEST	0,194211	0,613275	1,65891	-0,729727	0,465557	1	no
AN0218	ChrVIII_A_nidulans_FGSC_A4:4259926-4262078	WT_5hasex	WT_veg	OK	2,17608	4,01924	0,88519	-1,1596	0,246212	0,51397	no
AN0219	ChrVIII_A_nidulans_FGSC_A4:4257215-4259362	WT_5hasex	WT_veg	OK	4,17647	9,21015	1,14094	-1,71552	0,0862493	0,261568	no
AN0220	ChrVIII_A_nidulans_FGSC_A4:4251360-4251831	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0221	ChrVIII_A_nidulans_FGSC_A4:4248813-4250156	WT_5hasex	WT_veg	OK	2,31726	2,95868	0,352532	-0,394828	0,69297	0,865448	no
AN0223	ChrVIII_A_nidulans_FGSC_A4:4241362-4242702	WT_5hasex	WT_veg	NOTEST	0,189249	2,13091	3,49311	-1,75551	0,0791722	1	no
AN0224	ChrVIII_A_nidulans_FGSC_A4:4235871-4237346	WT_5hasex	WT_veg	OK	49,0326	44,8975	-0,127106	0,260438	0,794526	0,916493	no
AN0225	ChrVIII_A_nidulans_FGSC_A4:4230367-4235423	WT_5hasex	WT_veg	OK	23,1445	72,9605	1,65645	-3,45502	0,00055026	0,0047278	yes
AN0226	ChrVIII_A_nidulans_FGSC_A4:4228256-4229177	WT_5hasex	WT_veg	OK	89,6508	293,139	1,7092	-3,43358	0,00059567	0,00505657	yes
AN0227	ChrVIII_A_nidulans_FGSC_A4:4225714-4227422	WT_5hasex	WT_veg	OK	16,1653	30,5962	0,920452	-1,6283	0,103462	0,296723	no
AN0228	ChrVIII_A_nidulans_FGSC_A4:4222215-4225138	WT_5hasex	WT_veg	OK	12,8247	43,6048	1,76556	-3,47632	0,00050834	0,00441393	yes
AN0229	ChrVIII_A_nidulans_FGSC_A4:4218144-4221092	WT_5hasex	WT_veg	OK	157,737	310,602	0,977545	-1,86732	0,0618572	0,20646	no
AN0230	ChrVIII_A_nidulans_FGSC_A4:4210291-4211100	WT_5hasex	WT_veg	OK	20,103	9,67938	-1,05442	1,36541	0,172124	0,414334	no
AN0233	ChrVIII_A_nidulans_FGSC_A4:4204803-4206708	WT_5hasex	WT_veg	OK	26,3895	17,6662	-0,578971	1,11792	0,2636	0,534566	no
AN0234	ChrVIII_A_nidulans_FGSC_A4:4203460-4204306	WT_5hasex	WT_veg	OK	84,2773	279,807	1,73122	-3,5131	0,00044292	0,00392536	yes
AN0235	ChrVIII_A_nidulans_FGSC_A4:4199252-4202788	WT_5hasex	WT_veg	OK	40,1068	98,3653	1,2943	-2,71175	0,00669282	0,0377928	yes
AN0237	ChrVIII_A_nidulans_FGSC_A4:4189862-4193486	WT_5hasex	WT_veg	OK	8,78513	36,9163	2,07112	-3,95704	7,5883E-05	0,00086256	yes
AN0239	ChrVIII_A_nidulans_FGSC_A4:4175713-4183518	WT_5hasex	WT_veg	OK	18,8457	20,8571	0,146308	-0,29728	0,766253	0,903914	no
AN0242	ChrVIII_A_nidulans_FGSC_A4:4168137-4171266	WT_5hasex	WT_veg	OK	47,572	41,1913	-0,207775	0,429454	0,667593	0,851194	no
AN0243	ChrVIII_A_nidulans_FGSC_A4:4166263-4167787	WT_5hasex	WT_veg	OK	53,7984	98,4405	-1,76969	-1,76969	0,0767917	0,240759	no
AN0245	ChrVIII_A_nidulans_FGSC_A4:4158184-4159356	WT_5hasex	WT_veg	OK	9,34012	26,5471	1,50704	-2,40593	0,0161314	0,075686	no
AN0246	ChrVIII_A_nidulans_FGSC_A4:4153345-4156662	WT_5hasex	WT_veg	OK	19,5436	21,224	0,118994	-0,241372	0,809267	0,923461	no
AN0247	ChrVIII_A_nidulans_FGSC_A4:4149129-4152416	WT_5hasex	WT_veg	OK	10,6116	78,4419	2,88599	-5,50311	3,7315E-08	9,5338E-07	yes
AN0249	ChrVIII_A_nidulans_FGSC_A4:4145528-4147049	WT_5hasex	WT_veg	OK	10,1604	13,8137	0,443143	-0,741386	0,458459	0,718899	no
AN0250	ChrVIII_A_nidulans_FGSC_A4:4142435-4144793	WT_5hasex	WT_veg	OK	11,7796	14,6868	0,318223	-0,526388	0,598619	0,812378	no
AN0251	ChrVIII_A_nidulans_FGSC_A4:4140077-4142260	WT_5hasex	WT_veg	NOTEST	0,635863	2,17538	1,77448	-1,99053	0,0465323	1	no
AN0252	ChrVIII_A_nidulans_FGSC_A4:4138282-4139751	WT_5hasex	WT_veg	OK	532,978	769,271	0,529415	-0,991133	0,321621	0,597941	no
AN0254	ChrVIII_A_nidulans_FGSC_A4:4132235-4133488	WT_5hasex	WT_veg	OK	53,3289	121,343	1,1861	-2,39901	0,0164396	0,0767662	no
AN0255	ChrVIII_A_nidulans_FGSC_A4:4126424-4127782	WT_5hasex	WT_veg	OK	34,3281	62,9622	0,875095	-1,71088	0,0871026	0,263242	no
AN0258	ChrVIII_A_nidulans_FGSC_A4:4120071-4121059	WT_5hasex	WT_veg	OK	23,7432	26,0225	0,132246	-0,230697	0,81755	0,926913	no
AN0259	ChrVIII_A_nidulans_FGSC_A4:4118495-4119847	WT_5hasex	WT_veg	OK	28,0665	19,5902	-0,518713	0,997854	0,31835	0,594357	no
AN0260	ChrVIII_A_nidulans_FGSC_A4:4116621-4118227	WT_5hasex	WT_veg	OK	18,9427	29,3891	0,633634	-1,18224	0,237111	0,502551	no
AN0262	ChrVIII_A_nidulans_FGSC_A4:4111635-4112919	WT_5hasex	WT_veg	OK	833,643	1282,47	0,62142	-1,0746	0,282552	0,556418	no
AN0263	ChrVIII_A_nidulans_FGSC_A4:4109112-4110496	WT_5hasex	WT_veg	OK	10,896	29,0812	1,41629	-2,21211	0,0269591	0,111677	no
AN0264	ChrVIII_A_nidulans_FGSC_A4:4107377-4108249	WT_5hasex	WT_veg	NOTEST	1,3208	2,65945	1,00972	-0,89044	0,37323	1	no
AN0265	ChrVIII_A_nidulans_FGSC_A4:4101606-4106715	WT_5hasex	WT_veg	OK	26,1505	47,9232	0,873885	-1,83664	0,0662627	0,216842	no
AN0266	ChrVIII_A_nidulans_FGSC_A4:4099285-4100921	WT_5hasex	WT_veg	OK	19,5038	52,1494	1,41889	-2,72964	0,0063404	0,0361652	yes
AN0267	ChrVIII_A_nidulans_FGSC_A4:4098066-4099078	WT_5hasex	WT_veg	OK	54,7145	100,404	0,875818	-1,76795	0,0770689	0,241382	no
AN0270	ChrVIII_A_nidulans_FGSC_A4:4090928-4092117	WT_5hasex	WT_veg	OK	24,1551	44,8503	0,892791	-1,65253	0,098427	0,286144	no
AN0271	ChrVIII_A_nidulans_FGSC_A4:4089931-4090861	WT_5hasex	WT_veg	OK	104,218	146,836	0,494594	-1,00532	0,314745	0,590966	no
AN0272	ChrVIII_A_nidulans_FGSC_A4:4088041-4089555	WT_5hasex	WT_veg	OK	24,5288	27,269	0,152787	-0,292384	0,769993	0,905956	no
AN0273	ChrVIII_A_nidulans_FGSC_A4:4081116-4083431	WT_5hasex	WT_veg	OK	211,562	312,251	0,561625	-1,07985	0,280209	0,553781	no

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AN0274	ChrVIII_A_nidulans_FGSC_A4:4079999-4080857	WT_5hasex	WT_veg	OK	6,64121	7,11634	0,0996878	-0,137071	0,890975	0,958641	no
AN0275	ChrVIII_A_nidulans_FGSC_A4:4076931-4077853	WT_5hasex	WT_veg	OK	131,388	89,7264	-0,550228	1,12813	0,259263	0,529479	no
AN0276	ChrVIII_A_nidulans_FGSC_A4:4073722-4076112	WT_5hasex	WT_veg	OK	31,4292	35,9727	0,194798	-0,391553	0,695389	0,866849	no
AN0278	ChrVIII_A_nidulans_FGSC_A4:4068808-4069780	WT_5hasex	WT_veg	OK	1380,77	2057,31	0,575282	-1,01662	0,309333	0,585736	no
AN0280	ChrVIII_A_nidulans_FGSC_A4:4050341-4052370	WT_5hasex	WT_veg	OK	7,36101	5,92262	-0,313669	0,507353	0,611907	0,819976	no
AN0282	ChrVIII_A_nidulans_FGSC_A4:4044394-4045858	WT_5hasex	WT_veg	OK	32,7198	94,5121	1,53034	-2,79029	0,00526609	0,0310025	yes
AN0283	ChrVIII_A_nidulans_FGSC_A4:4034487-4035662	WT_5hasex	WT_veg	OK	2,18579	5,20964	1,25303	-1,23169	0,218063	0,478572	no
AN0284	ChrVIII_A_nidulans_FGSC_A4:4028941-4031225	WT_5hasex	WT_veg	NOTEST	0,217647	1,35271	2,63579	-1,18427	0,236306	1	no
AN0285	ChrVIII_A_nidulans_FGSC_A4:4025978-4027015	WT_5hasex	WT_veg	OK	286,488	1491,17	2,37989	-4,6183	3,8691E-06	6,1457E-05	yes
AN0286	ChrVIII_A_nidulans_FGSC_A4:4023243-4025258	WT_5hasex	WT_veg	OK	101,993	124,421	0,286767	-0,58672	0,557392	0,786993	no
AN0287	ChrVIII_A_nidulans_FGSC_A4:4018227-4022012	WT_5hasex	WT_veg	OK	100,854	150,431	0,576832	-1,13286	0,257273	0,527121	no
AN0288	ChrVIII_A_nidulans_FGSC_A4:4015251-4017084	WT_5hasex	WT_veg	OK	10,4511	45,6234	2,12612	-3,73972	0,00018422	0,00185683	yes
AN0289	ChrVIII_A_nidulans_FGSC_A4:4013019-4015077	WT_5hasex	WT_veg	OK	24,4281	40,8734	0,742622	-1,50136	0,133263	0,351163	no
AN0290	ChrVIII_A_nidulans_FGSC_A4:3998804-3999900	WT_5hasex	WT_veg	OK	149,328	205,931	0,463676	-0,962192	0,335953	0,612079	no
AN0291	ChrVIII_A_nidulans_FGSC_A4:3997795-3998447	WT_5hasex	WT_veg	OK	31,385	43,5275	0,471851	-0,80052	0,42341	0,691286	no
AN0292	ChrVIII_A_nidulans_FGSC_A4:3994720-3996965	WT_5hasex	WT_veg	OK	32,7973	73,8974	1,17194	-2,40029	0,0163823	0,0765596	no
AN0293	ChrVIII_A_nidulans_FGSC_A4:3992907-3994589	WT_5hasex	WT_veg	OK	50,7344	117,752	1,21472	-2,40859	0,0160144	0,0752432	no
AN0294	ChrVIII_A_nidulans_FGSC_A4:3991045-3992662	WT_5hasex	WT_veg	OK	244,174	601,136	1,29978	-2,30237	0,0213142	0,0935744	no
AN0295	ChrVIII_A_nidulans_FGSC_A4:3988347-3990927	WT_5hasex	WT_veg	OK	44,7549	106,848	1,25544	-2,56671	0,0102669	0,053189	no
AN0296	ChrVIII_A_nidulans_FGSC_A4:3987335-3988145	WT_5hasex	WT_veg	OK	31,178	42,0492	0,431552	-0,795422	0,426368	0,693477	no
AN0297	ChrVIII_A_nidulans_FGSC_A4:3986097-3987245	WT_5hasex	WT_veg	OK	112,523	192,817	0,77701	-1,57187	0,11598	0,320041	no
AN0298	ChrVIII_A_nidulans_FGSC_A4:3984028-3984793	WT_5hasex	WT_veg	OK	21,8333	35,258	0,691419	-1,17574	0,239698	0,505499	no
AN0299	ChrVIII_A_nidulans_FGSC_A4:3981050-3982374	WT_5hasex	WT_veg	OK	65,8482	169,228	1,36175	-2,80955	0,00496112	0,0295457	yes
AN0300	ChrVIII_A_nidulans_FGSC_A4:3979110-3980558	WT_5hasex	WT_veg	OK	53,674	131,511	1,29288	-2,12962	0,0332029	0,131184	no
AN0301	ChrVIII_A_nidulans_FGSC_A4:3976965-3978731	WT_5hasex	WT_veg	OK	12,7807	45,3334	1,8266	-2,91797	0,00352316	0,022381	yes
AN0302	ChrVIII_A_nidulans_FGSC_A4:3972420-3974743	WT_5hasex	WT_veg	NOTEST	0,903166	3,27349	1,85776	-2,13878	0,0324536	1	no
AN0303	ChrVIII_A_nidulans_FGSC_A4:3969059-3970677	WT_5hasex	WT_veg	OK	55,2882	185,664	1,74765	-3,63909	0,00027361	0,00260683	yes
AN0304	ChrVIII_A_nidulans_FGSC_A4:3967148-3968368	WT_5hasex	WT_veg	OK	19,9388	46,8642	1,23291	-2,2448	0,0247808	0,104655	no
AN0305	ChrVIII_A_nidulans_FGSC_A4:3962931-3966089	WT_5hasex	WT_veg	OK	10,7729	82,4003	2,93524	-5,50384	3,716E-08	9,5034E-07	yes
AN0306	ChrVIII_A_nidulans_FGSC_A4:3961375-3962747	WT_5hasex	WT_veg	OK	198,514	303,824	0,613991	-1,24783	0,212093	0,470948	no
AN0307	ChrVIII_A_nidulans_FGSC_A4:3958028-3959240	WT_5hasex	WT_veg	OK	2,40813	5,02355	1,0608	-1,32401	0,185501	0,434353	no
AN0309	ChrVIII_A_nidulans_FGSC_A4:3951723-3952110	WT_5hasex	WT_veg	OK	166,813	272,983	0,710579	-1,35182	0,176432	0,421048	no
AN0310	ChrVIII_A_nidulans_FGSC_A4:3949555-3951547	WT_5hasex	WT_veg	OK	22,1435	123,315	2,4774	-4,65667	3,2136E-06	5,2314E-05	yes
AN0311	ChrVIII_A_nidulans_FGSC_A4:3946543-3947810	WT_5hasex	WT_veg	OK	100,733	258,347	1,35877	-2,77679	0,00548979	0,0320709	yes
AN0312	ChrVIII_A_nidulans_FGSC_A4:3943598-3945737	WT_5hasex	WT_veg	OK	5,51483	27,6181	2,32422	-3,8186	0,00013421	0,00141851	yes
AN0313	ChrVIII_A_nidulans_FGSC_A4:3942168-3943182	WT_5hasex	WT_veg	OK	78,7692	313,648	1,99344	-4,15311	3,2798E-05	0,00041504	yes
AN0314	ChrVIII_A_nidulans_FGSC_A4:3938171-3941353	WT_5hasex	WT_veg	OK	338,739	2309,73	2,76948	-3,92574	8,6463E-05	0,00096689	yes
AN0315	ChrVIII_A_nidulans_FGSC_A4:3936913-3938135	WT_5hasex	WT_veg	OK	45,0121	50,2267	0,15814	-0,30698	0,758858	0,900238	no
AN0317	ChrVIII_A_nidulans_FGSC_A4:3929625-3933837	WT_5hasex	WT_veg	OK	25,6329	41,8197	0,706186	-1,47459	0,140322	0,362993	no
AN0318	ChrVIII_A_nidulans_FGSC_A4:3926016-3929102	WT_5hasex	WT_veg	OK	8,72619	18,782	1,10592	-2,00773	0,0446724	0,163701	no
AN0319	ChrVIII_A_nidulans_FGSC_A4:3923088-3925485	WT_5hasex	WT_veg	OK	11,4261	45,9541	2,00786	-3,47712	0,00050683	0,00440298	yes
AN0321	ChrVIII_A_nidulans_FGSC_A4:3901628-3905409	WT_5hasex	WT_veg	OK	11,981	35,6847	1,57455	-3,14798	0,00164403	0,0118616	yes
AN0322	ChrVIII_A_nidulans_FGSC_A4:3900288-3901365	WT_5hasex	WT_veg	OK	0,804264	4,12273	2,35786	-2,39082	0,0168108	0,0781098	no
AN0323	ChrVIII_A_nidulans_FGSC_A4:3898899-3899960	WT_5hasex	WT_veg	OK	60,6808	203,796	1,74781	-3,46748	0,00052536	0,00453986	yes
AN0324	ChrVIII_A_nidulans_FGSC_A4:3894517-3896279	WT_5hasex	WT_veg	OK	24,5482	35,2726	0,522932	-1,01891	0,308247	0,584357	no
AN0325	ChrVIII_A_nidulans_FGSC_A4:3890088-3894012	WT_5hasex	WT_veg	OK	23,6234	69,0918	1,5483	-2,92514	0,00344301	0,021957	yes
AN0326	ChrVIII_A_nidulans_FGSC_A4:3890088-3894012	WT_5hasex	WT_veg	OK	14,0714	42,485	1,59419	-2,97387	0,00294068	0,0192285	yes
AN0327	ChrVIII_A_nidulans_FGSC_A4:3888096-3889918	WT_5hasex	WT_veg	OK	85,9314	117,017	0,445465	-0,917019	0,359132	0,633962	no
AN0328	ChrVIII_A_nidulans_FGSC_A4:3886727-3888074	WT_5hasex	WT_veg	OK	43,7188	117,308	1,42397	-2,91703	0,00353384	0,0224352	yes
AN0329	ChrVIII_A_nidulans_FGSC_A4:3883942-3886265	WT_5hasex	WT_veg	OK	57,3882	166,439	1,53617	-3,1504	0,00163048	0,0117784	yes
AN0330	ChrVIII_A_nidulans_FGSC_A4:3882099-3883407	WT_5hasex	WT_veg	OK	48,9924	152,751	1,64055	-3,19563	0,00139525	0,0103356	yes
AN0331	ChrVIII_A_nidulans_FGSC_A4:3880971-3881593	WT_5hasex	WT_veg	OK	12,5295	32,0257	1,35391	-1,93608	0,0528575	0,184471	no
AN0332	ChrVIII_A_nidulans_FGSC_A4:3878338-3880126	WT_5hasex	WT_veg	OK	34,2384	50,2961	0,554834	-1,07497	0,282389	0,556214	no

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AN0333	ChrVIII_A_nidulans_FGSC_A4:3874322-3876980	WT_5hasex	WT_veg	OK	9,48468	16,5388	0,80218	-1,44871	0,147419	0,374965	no
AN0334	ChrVIII_A_nidulans_FGSC_A4:3872115-3874109	WT_5hasex	WT_veg	OK	63,4472	161,794	1,35053	-2,78713	0,00531774	0,0312539	yes
AN0335	ChrVIII_A_nidulans_FGSC_A4:3870232-3871603	WT_5hasex	WT_veg	OK	24,5362	18,9052	-0,376132	0,68268	0,494809	0,745983	no
AN0336	ChrVIII_A_nidulans_FGSC_A4:3867526-3868503	WT_5hasex	WT_veg	NOTEST	0,833539	0,424787	-0,972511	0,536958	0,591296		1 no
AN0337	ChrVIII_A_nidulans_FGSC_A4:3865628-3866981	WT_5hasex	WT_veg	OK	21,06	284,7	3,75687	-7,00248	2,5147E-12	1,3191E-10	yes
AN0339	ChrVIII_A_nidulans_FGSC_A4:3857303-3860243	WT_5hasex	WT_veg	OK	28,2417	15,1523	-0,898285	1,83351	0,0667266	0,217891	no
AN0340	ChrVIII_A_nidulans_FGSC_A4:3854118-3856821	WT_5hasex	WT_veg	OK	20,4264	21,6026	0,0807678	-0,16257	0,870857	0,95057	no
AN0341	ChrVIII_A_nidulans_FGSC_A4:3852963-3853646	WT_5hasex	WT_veg	NOTEST	0,832229	1,87843	1,17448	-0,678737	0,497304		1 no
AN0342	ChrVIII_A_nidulans_FGSC_A4:3851576-3852394	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN0343	ChrVIII_A_nidulans_FGSC_A4:3850112-3850952	WT_5hasex	WT_veg	NOTEST	0,22951	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN0346	ChrVIII_A_nidulans_FGSC_A4:3839847-3841103	WT_5hasex	WT_veg	OK	28,2992	131,193	2,21286	-4,13952	3,4803E-05	0,00043672	yes
AN0348	ChrVIII_A_nidulans_FGSC_A4:3833953-3837395	WT_5hasex	WT_veg	OK	7,11561	13,1563	0,886698	-1,5989	0,109843	0,308946	no
AN0349	ChrVIII_A_nidulans_FGSC_A4:3831475-3833433	WT_5hasex	WT_veg	OK	40,8958	38,5119	-0,0866468	0,178218	0,858552	0,944992	no
AN0350	ChrVIII_A_nidulans_FGSC_A4:3830039-3830753	WT_5hasex	WT_veg	OK	39,824	100,635	1,33742	-2,37889	0,0173647	0,079982	no
AN0353	ChrVIII_A_nidulans_FGSC_A4:3815815-3818095	WT_5hasex	WT_veg	OK	19,7507	81,7995	2,05019	-4,08313	4,4432E-05	0,00054087	yes
AN0355	ChrVIII_A_nidulans_FGSC_A4:3810553-3813391	WT_5hasex	WT_veg	OK	7,07935	12,5186	0,822386	-1,48111	0,138576	0,360059	no
AN0356	ChrVIII_A_nidulans_FGSC_A4:3807159-3808419	WT_5hasex	WT_veg	OK	71,5094	180,617	1,33673	-2,58301	0,00979412	0,0512207	no
AN0357	ChrVIII_A_nidulans_FGSC_A4:3805416-3807049	WT_5hasex	WT_veg	OK	278,563	488,023	0,808946	-1,58077	0,11393	0,316489	no
AN0360	ChrVIII_A_nidulans_FGSC_A4:3795000-3796502	WT_5hasex	WT_veg	OK	34,7016	85,003	1,29251	-2,47626	0,0132768	0,0651433	no
AN0362	ChrVIII_A_nidulans_FGSC_A4:3788642-3789573	WT_5hasex	WT_veg	OK	256,934	96,1956	-1,41736	2,4986	0,0124686	0,0620141	no
AN0364	ChrVIII_A_nidulans_FGSC_A4:3780403-3781745	WT_5hasex	WT_veg	OK	36,9213	13,8433	-1,41527	2,41268	0,0158358	0,0745987	no
AN0365	ChrVIII_A_nidulans_FGSC_A4:3778577-3779137	WT_5hasex	WT_veg	OK	310,996	219,898	-0,500059	0,972367	0,330868	0,607221	no
AN0366	ChrVIII_A_nidulans_FGSC_A4:3775681-3776546	WT_5hasex	WT_veg	OK	17,9226	0	-1.79769e+308	-1.79769e+308	0,00594016	0,0342062	yes
AN0367	ChrVIII_A_nidulans_FGSC_A4:3773432-3774784	WT_5hasex	WT_veg	OK	26,986	35,2435	0,385145	-0,744192	0,45676	0,717717	no
AN0368	ChrVIII_A_nidulans_FGSC_A4:3767422-3770984	WT_5hasex	WT_veg	NOTEST	0,936836	2,31783	1,30691	-1,71104	0,0870742		1 no
AN0369	ChrVIII_A_nidulans_FGSC_A4:3765217-3767021	WT_5hasex	WT_veg	OK	436,38	1171,23	1,42437	-2,45445	0,01411	0,068216	no
AN0370	ChrVIII_A_nidulans_FGSC_A4:3763775-3764921	WT_5hasex	WT_veg	OK	2,87486	6,48827	1,17434	-1,48508	0,137523	0,358388	no
AN0372	ChrVIII_A_nidulans_FGSC_A4:3758699-3759913	WT_5hasex	WT_veg	OK	21,3451	21,9457	0,0400297	-0,0678497	0,945905	0,979746	no
AN0374	ChrVIII_A_nidulans_FGSC_A4:3751063-3752916	WT_5hasex	WT_veg	NOTEST	1,64105	0,451568	-1,86161	1,30735	0,191094		1 no
AN0376	ChrVIII_A_nidulans_FGSC_A4:3737907-3743430	WT_5hasex	WT_veg	OK	4,40546	6,25173	0,504963	-0,900396	0,367909	0,642725	no
AN0377	ChrVIII_A_nidulans_FGSC_A4:3733772-3734869	WT_5hasex	WT_veg	OK	11,0112	11,195	0,0238754	-0,0376923	0,969933	0,989084	no
AN0378	ChrVIII_A_nidulans_FGSC_A4:3732562-3733446	WT_5hasex	WT_veg	OK	7,53331	11,5089	0,6114	-0,876191	0,380926	0,655242	no
AN0379	ChrVIII_A_nidulans_FGSC_A4:3730329-3731755	WT_5hasex	WT_veg	OK	162,492	357,196	1,13634	-2,31524	0,0205999	0,0912105	no
AN0381	ChrVIII_A_nidulans_FGSC_A4:3726146-3728045	WT_5hasex	WT_veg	OK	100,48	169,468	0,754109	-1,51778	0,12907	0,343693	no
AN0382	ChrVIII_A_nidulans_FGSC_A4:3724418-3726013	WT_5hasex	WT_veg	OK	6,08035	6,47164	0,0899766	-0,129461	0,896993	0,960695	no
AN0384	ChrVIII_A_nidulans_FGSC_A4:3717971-3721251	WT_5hasex	WT_veg	OK	6,9459	9,31981	0,424138	-0,773395	0,439289	0,703648	no
AN0385	ChrVIII_A_nidulans_FGSC_A4:3716484-3717797	WT_5hasex	WT_veg	OK	22,2123	33,1614	0,578146	-1,06307	0,287749	0,562111	no
AN0386	ChrVIII_A_nidulans_FGSC_A4:3714919-3715837	WT_5hasex	WT_veg	OK	19,236	38,6663	1,00727	-1,61628	0,106034	0,301885	no
AN0388	ChrVIII_A_nidulans_FGSC_A4:3709320-3711834	WT_5hasex	WT_veg	OK	4,11987	7,40744	0,846376	-1,31225	0,189436	0,43994	no
AN0389	ChrVIII_A_nidulans_FGSC_A4:3707235-3708162	WT_5hasex	WT_veg	OK	2,74303	4,91728	0,842088	-1,00234	0,31618	0,592281	no
AN0390	ChrVIII_A_nidulans_FGSC_A4:3705221-3706244	WT_5hasex	WT_veg	OK	1,9711	2,61493	0,407773	-0,418232	0,675778	0,855809	no
AN0391	ChrVIII_A_nidulans_FGSC_A4:3698352-3704591	WT_5hasex	WT_veg	NOTEST	0,763683	0,704986	-0,115378	0,144624	0,885008		1 no
AN0392	ChrVIII_A_nidulans_FGSC_A4:3696551-3698097	WT_5hasex	WT_veg	OK	6,26884	12,5552	1,00202	-1,35237	0,176258	0,420789	no
AN0394	ChrVIII_A_nidulans_FGSC_A4:3690400-3691809	WT_5hasex	WT_veg	OK	12,1887	3,36145	-1,85839	2,52401	0,0116023	0,0585895	no
AN0395	ChrVIII_A_nidulans_FGSC_A4:3688716-3689870	WT_5hasex	WT_veg	OK	2,6373	9,9739	1,9191	-2,42992	0,0151022	0,0719113	no
AN0396	ChrVIII_A_nidulans_FGSC_A4:3686488-3687592	WT_5hasex	WT_veg	OK	17,265	25,679	0,572735	-0,965522	0,334283	0,610665	no
AN0397	ChrVIII_A_nidulans_FGSC_A4:3685311-3685745	WT_5hasex	WT_veg	OK	10,1458	14,8967	0,554103	-0,636147	0,524681	0,766224	no
AN0398	ChrVIII_A_nidulans_FGSC_A4:3681646-3683616	WT_5hasex	WT_veg	OK	30,7807	14,9397	-1,04287	1,85433	0,0636917	0,210732	no
AN0400	ChrVIII_A_nidulans_FGSC_A4:3676255-3676777	WT_5hasex	WT_veg	OK	135,747	1117,16	3,04084	-5,97052	2,365E-09	7,7214E-08	yes
AN0401	ChrVIII_A_nidulans_FGSC_A4:3674312-3675774	WT_5hasex	WT_veg	OK	81,5203	180,867	1,1497	-2,31586	0,0205657	0,09109	no
AN0402	ChrVIII_A_nidulans_FGSC_A4:3673028-3674157	WT_5hasex	WT_veg	OK	48,5636	63,0863	0,377452	-0,734779	0,462474	0,721911	no
AN0403	ChrVIII_A_nidulans_FGSC_A4:3669246-3670798	WT_5hasex	WT_veg	OK	14,2118	1,49696	-3,24698	3,61827	0,00029658	0,00279474	yes
AN0404	ChrVIII_A_nidulans_FGSC_A4:3664225-3668404	WT_5hasex	WT_veg	OK	5,23815	2,11721	-1,3069	2,17397	0,0297071	0,120461	no

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AN0405	ChrVIII_A_nidulans_FGSC_A4:3663585-3664074	WT_5hasex	WT_veg	OK	92,2441	180,67	0,969827	-1,86451	0,0622506	0,207365	no
AN0406	ChrVIII_A_nidulans_FGSC_A4:3661136-3663393	WT_5hasex	WT_veg	OK	60,9767	199,746	1,71184	-3,56915	0,00035814	0,00327301	yes
AN0407	ChrVIII_A_nidulans_FGSC_A4:3656581-3660029	WT_5hasex	WT_veg	OK	5,34595	10,0415	0,90946	-1,59391	0,110956	0,21108	no
AN0408	ChrVIII_A_nidulans_FGSC_A4:3653475-3655775	WT_5hasex	WT_veg	OK	96,3773	201,259	1,06229	-2,12132	0,0338951	0,133384	no
AN0409	ChrVIII_A_nidulans_FGSC_A4:3645283-3647971	WT_5hasex	WT_veg	OK	66,3141	92,5013	0,480158	-0,877934	0,37998	0,654452	no
AN0411	ChrVIII_A_nidulans_FGSC_A4:3637839-3638988	WT_5hasex	WT_veg	OK	308,152	555,868	0,851098	-1,75742	0,0788469	0,245299	no
AN0412	ChrVIII_A_nidulans_FGSC_A4:3634663-3637647	WT_5hasex	WT_veg	OK	46,7685	170,867	1,86926	-3,80333	0,00014277	0,00149091	yes
AN0413	ChrVIII_A_nidulans_FGSC_A4:3629712-3631126	WT_5hasex	WT_veg	OK	2,80992	7,13972	1,34534	-1,60159	0,109246	0,30793	no
AN0414	ChrVIII_A_nidulans_FGSC_A4:3622379-3625377	WT_5hasex	WT_veg	OK	11,2213	23,2731	1,05243	-1,99516	0,0460255	0,167407	no
AN0416	ChrVIII_A_nidulans_FGSC_A4:3612839-3614005	WT_5hasex	WT_veg	OK	61,3943	147,272	1,26231	-2,55201	0,0107102	0,0549958	no
AN0419	ChrVIII_A_nidulans_FGSC_A4:3606055-3607057	WT_5hasex	WT_veg	OK	27,7931	92,0331	1,72743	-2,84677	0,00441659	0,0269427	yes
AN0421	ChrVIII_A_nidulans_FGSC_A4:3601504-3604618	WT_5hasex	WT_veg	OK	15,853	193,232	3,60751	-7,06297	1,6298E-12	8,8047E-11	yes
AN0423	ChrVIII_A_nidulans_FGSC_A4:3596590-3597747	WT_5hasex	WT_veg	OK	18,1728	47,9269	1,39905	-2,45833	0,0139585	0,0676522	no
AN0424	ChrVIII_A_nidulans_FGSC_A4:3595393-3596387	WT_5hasex	WT_veg	OK	16,9637	35,5208	1,06622	-1,79374	0,072855	0,231829	no
AN0427	ChrVIII_A_nidulans_FGSC_A4:3581983-3583208	WT_5hasex	WT_veg	OK	55,8119	431,18	2,94965	-5,95478	2,6042E-09	8,4342E-08	yes
AN0428	ChrVIII_A_nidulans_FGSC_A4:3579776-3581725	WT_5hasex	WT_veg	OK	34,9546	76,6469	1,13274	-2,31767	0,0204675	0,0907547	no
AN0429	ChrVIII_A_nidulans_FGSC_A4:3578611-3579310	WT_5hasex	WT_veg	OK	192,035	212,569	0,14656	-0,30184	0,762774	0,902114	no
AN0430	ChrVIII_A_nidulans_FGSC_A4:3575731-3578524	WT_5hasex	WT_veg	OK	44,5768	142,793	1,67956	-3,42378	0,00061757	0,00521548	yes
AN0432	ChrVIII_A_nidulans_FGSC_A4:3566598-3567965	WT_5hasex	WT_veg	OK	143,123	498,97	1,8017	-3,70876	0,00020828	0,00206471	yes
AN0433	ChrVIII_A_nidulans_FGSC_A4:3564024-3565345	WT_5hasex	WT_veg	OK	660,593	1010,98	0,613926	-1,08798	0,276603	0,549788	no
AN0434	ChrVIII_A_nidulans_FGSC_A4:3561746-3563780	WT_5hasex	WT_veg	OK	40,8374	81,9622	1,00507	-2,05863	0,03953	0,149558	no
AN0435	ChrVIII_A_nidulans_FGSC_A4:3560344-3561389	WT_5hasex	WT_veg	OK	8,41657	36,5205	2,1174	-3,15166	0,00162346	0,011739	yes
AN0436	ChrVIII_A_nidulans_FGSC_A4:3557880-3559586	WT_5hasex	WT_veg	OK	159,379	166,483	0,0629146	-0,127479	0,898561	0,961087	no
AN0437	ChrVIII_A_nidulans_FGSC_A4:3553029-3556558	WT_5hasex	WT_veg	OK	5,93455	14,0895	1,24741	-1,97605	0,0481489	0,17302	no
AN0438	ChrVIII_A_nidulans_FGSC_A4:3551054-3552135	WT_5hasex	WT_veg	OK	29,6031	56,6643	0,936694	-1,67121	0,0946805	0,27867	no
AN0439	ChrVIII_A_nidulans_FGSC_A4:3548523-3550387	WT_5hasex	WT_veg	OK	18,5841	27,5757	0,569328	-1,08425	0,278256	0,551544	no
AN0440	ChrVIII_A_nidulans_FGSC_A4:3545961-3548459	WT_5hasex	WT_veg	OK	27,8301	49,9921	0,845054	-1,7065	0,0879148	0,26478	no
AN0441	ChrVIII_A_nidulans_FGSC_A4:3543448-3545064	WT_5hasex	WT_veg	OK	8,60152	42,2174	2,29517	-3,71477	0,00020339	0,00202355	yes
AN0442	ChrVIII_A_nidulans_FGSC_A4:3542277-3543297	WT_5hasex	WT_veg	OK	43,1352	61,2051	0,504785	-0,965863	0,334113	0,610575	no
AN0443	ChrVIII_A_nidulans_FGSC_A4:3540038-3542056	WT_5hasex	WT_veg	OK	200,538	617,507	1,62258	-3,20168	0,00136629	0,010157	yes
AN0445	ChrVIII_A_nidulans_FGSC_A4:3532371-3533788	WT_5hasex	WT_veg	OK	1075,75	2080,39	0,951511	-1,62673	0,103795	0,297395	no
AN0446	ChrVIII_A_nidulans_FGSC_A4:3529054-3531707	WT_5hasex	WT_veg	OK	36,9459	45,0463	0,285994	-0,597456	0,550203	0,782225	no
AN0447	ChrVIII_A_nidulans_FGSC_A4:3523007-3524202	WT_5hasex	WT_veg	OK	202,295	1039,2	2,36093	-4,73832	2,155E-06	3,6759E-05	yes
AN0448	ChrVIII_A_nidulans_FGSC_A4:3520630-3521288	WT_5hasex	WT_veg	OK	33,6991	53,4514	0,66552	-1,18874	0,234543	0,499751	no
AN0449	ChrVIII_A_nidulans_FGSC_A4:3514685-3518966	WT_5hasex	WT_veg	OK	29,5598	56,5246	0,935244	-1,94521	0,0517491	0,181839	no
AN0450	ChrVIII_A_nidulans_FGSC_A4:3513047-3514316	WT_5hasex	WT_veg	OK	13,7024	21,3253	0,63814	-1,10751	0,268072	0,539894	no
AN0451	ChrVIII_A_nidulans_FGSC_A4:3511889-3512906	WT_5hasex	WT_veg	OK	96,7447	215,808	1,1575	-2,39109	0,0167983	0,0780721	no
AN0452	ChrVIII_A_nidulans_FGSC_A4:3509529-3510304	WT_5hasex	WT_veg	OK	12,9453	21,6142	0,739557	-1,12863	0,259052	0,529193	no
AN0454	ChrVIII_A_nidulans_FGSC_A4:3503738-3505709	WT_5hasex	WT_veg	OK	73,1788	248,128	1,76159	-3,67119	0,00024143	0,00234239	yes
AN0456	ChrVIII_A_nidulans_FGSC_A4:3497349-3498177	WT_5hasex	WT_veg	OK	7,60427	8,857	0,220008	-0,307709	0,758304	0,900113	no
AN0457	ChrVIII_A_nidulans_FGSC_A4:3495941-3496720	WT_5hasex	WT_veg	OK	76,1394	41,8243	-0,864303	1,67582	0,0937731	0,27678	no
AN0458	ChrVIII_A_nidulans_FGSC_A4:3494086-3495737	WT_5hasex	WT_veg	OK	30,5377	49,0753	0,684405	-1,3444	0,17882	0,424389	no
AN0460	ChrVIII_A_nidulans_FGSC_A4:3488543-3490390	WT_5hasex	WT_veg	OK	10,8009	13,9025	0,3642	-0,632902	0,526797	0,767523	no
AN0461	ChrVIII_A_nidulans_FGSC_A4:3486754-3488163	WT_5hasex	WT_veg	OK	20,0058	183,773	3,19944	-5,85192	4,8592E-09	1,4987E-07	yes
AN0463	ChrVIII_A_nidulans_FGSC_A4:3473688-3480087	WT_5hasex	WT_veg	OK	9,31472	27,4318	1,55826	-3,08185	0,00205718	0,0143018	yes
AN0464	ChrVIII_A_nidulans_FGSC_A4:3472007-3473274	WT_5hasex	WT_veg	OK	9,39615	13,9561	0,570752	-0,844036	0,398649	0,671136	no
AN0465	ChrVIII_A_nidulans_FGSC_A4:3470493-3471830	WT_5hasex	WT_veg	OK	535,53	875,816	0,709661	-1,29071	0,196806	0,450055	no
AN0466	ChrVIII_A_nidulans_FGSC_A4:3468950-3469619	WT_5hasex	WT_veg	OK	30,3508	67,5798	1,15486	-2,02337	0,0430349	0,159136	no
AN0467	ChrVIII_A_nidulans_FGSC_A4:3467586-3468676	WT_5hasex	WT_veg	OK	625,405	4190,98	2,74443	-4,89406	9,8775E-07	1,8098E-05	yes
AN0468	ChrVIII_A_nidulans_FGSC_A4:3465653-3467230	WT_5hasex	WT_veg	OK	922,867	4892,55	2,40639	-3,40961	0,00065057	0,00544497	yes
AN0469	ChrVIII_A_nidulans_FGSC_A4:3461261-3465600	WT_5hasex	WT_veg	OK	20,1119	27,5365	0,453294	-0,919464	0,357853	0,632986	no
AN0470	ChrVIII_A_nidulans_FGSC_A4:3456305-3457893	WT_5hasex	WT_veg	OK	118,979	201,06	0,756926	-1,51128	0,130717	0,346482	no
AN0473	ChrVIII_A_nidulans_FGSC_A4:3445689-3447432	WT_5hasex	WT_veg	OK	18,6874	14,095	-0,406883	0,738074	0,46047	0,720478	no

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AN0474	ChrVIII_A_nidulans_FGSC_A4:3444129-3445137	WT_5hasex	WT_veg	OK	421,976	561,298	0,411604	-0,591791	0,55399	0,784494	no
AN0475	ChrVIII_A_nidulans_FGSC_A4:3440720-3443741	WT_5hasex	WT_veg	OK	13,2093	98,3796	2,8968	-5,74547	9,1664E-09	2,676E-07	yes
AN0476	ChrVIII_A_nidulans_FGSC_A4:3439620-3440482	WT_5hasex	WT_veg	OK	110,476	276,703	1,32461	-2,6735	0,00750636	0,0414269	yes
AN0477	ChrVIII_A_nidulans_FGSC_A4:3437534-3439074	WT_5hasex	WT_veg	NOTEST	1,06619	0,738088	-0,530594	0,424822	0,670967	1	no
AN0478	ChrVIII_A_nidulans_FGSC_A4:3433857-3434617	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0480	ChrVIII_A_nidulans_FGSC_A4:3428061-3429750	WT_5hasex	WT_veg	OK	32,2016	85,8559	1,41478	-2,65096	0,00802645	0,0437216	yes
AN0481	ChrVIII_A_nidulans_FGSC_A4:3422774-3426907	WT_5hasex	WT_veg	OK	5,38253	18,1022	1,74981	-2,951	0,0031675	0,0204514	yes
AN0482	ChrVIII_A_nidulans_FGSC_A4:3418485-3421943	WT_5hasex	WT_veg	OK	8,4762	34,8416	2,03932	-3,86966	0,00010899	0,00118364	yes
AN0483	ChrVIII_A_nidulans_FGSC_A4:3415870-3416429	WT_5hasex	WT_veg	OK	41,3352	19,5698	-1,07874	1,6779	0,093366	0,275933	no
AN0484	ChrVIII_A_nidulans_FGSC_A4:3414280-3415709	WT_5hasex	WT_veg	OK	11,5869	20,1542	0,798592	-1,30779	0,190943	0,441835	no
AN0485	ChrVIII_A_nidulans_FGSC_A4:3411836-3413400	WT_5hasex	WT_veg	OK	11,3244	15,4043	0,443893	-0,716081	0,473941	0,730827	no
AN0486	ChrVIII_A_nidulans_FGSC_A4:3408102-3410922	WT_5hasex	WT_veg	OK	8,65807	14,0438	0,697817	-1,2185	0,223033	0,484963	no
AN0487	ChrVIII_A_nidulans_FGSC_A4:3404650-3407491	WT_5hasex	WT_veg	OK	4,92447	8,92015	0,8571	-1,41261	0,15777	0,391974	no
AN0489	ChrVIII_A_nidulans_FGSC_A4:3396732-3398344	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0490	ChrVIII_A_nidulans_FGSC_A4:3392764-3395028	WT_5hasex	WT_veg	OK	101,776	282,243	1,47154	-2,83808	0,00453865	0,0275335	yes
AN0492	ChrVIII_A_nidulans_FGSC_A4:3386698-3387274	WT_5hasex	WT_veg	NOTEST	1,35952	0	-1.79769e+308	-1.79769e+308	0,0654719	1	no
AN0493	ChrVIII_A_nidulans_FGSC_A4:3382781-3383500	WT_5hasex	WT_veg	OK	89,619	21,8907	-2,03349	3,24985	0,00115467	0,00883908	yes
AN0495	ChrVIII_A_nidulans_FGSC_A4:3375363-3377796	WT_5hasex	WT_veg	OK	92,9794	102,038	0,134121	-0,277698	0,781244	0,910773	no
AN0497	ChrVIII_A_nidulans_FGSC_A4:3369774-3371639	WT_5hasex	WT_veg	OK	99,0952	82,4391	-0,265486	0,404523	0,685828	0,8618	no
AN0498	ChrVIII_A_nidulans_FGSC_A4:3365322-3367105	WT_5hasex	WT_veg	OK	15,6288	21,1905	0,439216	-0,735868	0,461811	0,721629	no
AN0499	ChrVIII_A_nidulans_FGSC_A4:3362419-3363152	WT_5hasex	WT_veg	NOTEST	0,686735	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN0500	ChrVIII_A_nidulans_FGSC_A4:3359678-3361157	WT_5hasex	WT_veg	OK	72,9451	64,0342	-0,187969	0,300256	0,763982	0,90277	no
AN0501	ChrVIII_A_nidulans_FGSC_A4:3355475-3357228	WT_5hasex	WT_veg	OK	2,67218	1,00296	-1,41375	1,26571	0,205616	0,462195	no
AN0502	ChrVIII_A_nidulans_FGSC_A4:3352591-3355320	WT_5hasex	WT_veg	OK	19,1902	48,3624	1,33351	-2,62619	0,00863476	0,0463794	yes
AN0505	ChrVIII_A_nidulans_FGSC_A4:3344938-3346753	WT_5hasex	WT_veg	OK	24,679	27,5349	0,157976	-0,31377	0,753695	0,897678	no
AN0506	ChrVIII_A_nidulans_FGSC_A4:3343787-3344779	WT_5hasex	WT_veg	OK	12,8094	41,327	1,68988	-2,82262	0,00476334	0,0286314	yes
AN0507	ChrVIII_A_nidulans_FGSC_A4:3339433-3341761	WT_5hasex	WT_veg	OK	3,95631	5,11661	0,371036	-0,529418	0,596516	0,810922	no
AN0508	ChrVIII_A_nidulans_FGSC_A4:3336785-3337807	WT_5hasex	WT_veg	NOTEST	0,288032	0,236993	-0,281384	0,0809876	0,935452	1	no
AN0509	ChrVIII_A_nidulans_FGSC_A4:3330381-3335138	WT_5hasex	WT_veg	NOTEST	0,0917405	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN0510	ChrVIII_A_nidulans_FGSC_A4:3327973-3328864	WT_5hasex	WT_veg	OK	1,99268	0,205719	-3,27596	1,09093	0,275304	0,548347	no
AN0511	ChrVIII_A_nidulans_FGSC_A4:3326451-3327304	WT_5hasex	WT_veg	NOTEST	0,308937	1,08351	1,81033	-0,796332	0,425839	1	no
AN0512	ChrVIII_A_nidulans_FGSC_A4:3321664-3322719	WT_5hasex	WT_veg	OK	1,16767	9,20691	2,97909	-3,27412	0,00105991	0,00824055	yes
AN0515	ChrVIII_A_nidulans_FGSC_A4:3313973-3315179	WT_5hasex	WT_veg	NOTEST	0,295807	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN0517	ChrVIII_A_nidulans_FGSC_A4:3299593-3305664	WT_5hasex	WT_veg	NOTEST	0,435936	0,147377	-1,56461	1,06364	0,28749	1	no
AN0518	ChrVIII_A_nidulans_FGSC_A4:3298231-3299200	WT_5hasex	WT_veg	OK	5,2394	6,27498	0,260208	-0,331478	0,740283	0,891064	no
AN0519	ChrVIII_A_nidulans_FGSC_A4:3295252-3296340	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0520	ChrVIII_A_nidulans_FGSC_A4:3291153-3292291	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0521	ChrVIII_A_nidulans_FGSC_A4:3290039-3290976	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0522	ChrVIII_A_nidulans_FGSC_A4:3288680-3289103	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0523	ChrVIII_A_nidulans_FGSC_A4:3279991-3287961	WT_5hasex	WT_veg	NOTEST	0,186924	0,0807291	-1,21129	0,776755	0,437303	1	no
AN0524	ChrVIII_A_nidulans_FGSC_A4:3277942-3278960	WT_5hasex	WT_veg	NOTEST	0,565289	1,51714	1,42429	-1,13259	0,257387	1	no
AN0525	ChrVIII_A_nidulans_FGSC_A4:3276777-3277672	WT_5hasex	WT_veg	NOTEST	1,17459	1,86135	0,664191	-0,567901	0,570102	1	no
AN0526	ChrVIII_A_nidulans_FGSC_A4:3275171-3276281	WT_5hasex	WT_veg	NOTEST	1,31805	0	-1.79769e+308	-1.79769e+308	0,0517751	1	no
AN0527	ChrVIII_A_nidulans_FGSC_A4:3274184-3274511	WT_5hasex	WT_veg	OK	3,57559	0	-1.79769e+308	-1.79769e+308	0,0368957	0,142098	no
AN0528	ChrVIII_A_nidulans_FGSC_A4:3272112-3273399	WT_5hasex	WT_veg	OK	14,0786	0,154816	-6,50681	2,2027	0,0276159	0,113786	no
AN0529	ChrVIII_A_nidulans_FGSC_A4:3270830-3271628	WT_5hasex	WT_veg	OK	5,04501	0,797014	-2,66218	1,82542	0,0679378	0,220807	no
AN0530	ChrVIII_A_nidulans_FGSC_A4:3268887-3270307	WT_5hasex	WT_veg	NOTEST	1,34457	0	-1.79769e+308	-1.79769e+308	0,0244862	1	no
AN0531	ChrVIII_A_nidulans_FGSC_A4:3268048-3268535	WT_5hasex	WT_veg	OK	30,1217	3,79743	-2,98771	2,92655	0,0034275	0,021874	yes
AN0532	ChrVIII_A_nidulans_FGSC_A4:3266161-3267486	WT_5hasex	WT_veg	OK	8,50927	4,16309	-1,03138	1,35531	0,175319	0,419597	no
AN0533	ChrVIII_A_nidulans_FGSC_A4:3263014-3265156	WT_5hasex	WT_veg	NOTEST	0,316078	0,423468	0,421973	-0,268936	0,787979	1	no
AN0534	ChrVIII_A_nidulans_FGSC_A4:3261199-3261931	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0535	ChrVIII_A_nidulans_FGSC_A4:3258966-3259620	WT_5hasex	WT_veg	OK	1,75304	5,60746	1,67749	-1,54118	0,123273	0,333265	no
AN0536	ChrVIII_A_nidulans_FGSC_A4:3257569-3257965	WT_5hasex	WT_veg	OK	4,47381	3,99893	-0,161888	0,108978	0,91322	0,967205	no

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AN0537	ChrVIII_A_nidulans_FGSC_A4:3255556-3256069	WT_5hasex	WT_veg	OK	2,87457	9,99135	1,79733	-1,8041	0,0712153	0,228274	no
AN0538	ChrVIII_A_nidulans_FGSC_A4:3253627-3254414	WT_5hasex	WT_veg	OK	6,34553	7,52343	0,245648	-0,250504	0,802198	0,920043	no
AN0539	ChrVIII_A_nidulans_FGSC_A4:3247158-3251399	WT_5hasex	WT_veg	OK	0,923409	16,8231	4,18733	-5,2952	1,1889E-07	2,7157E-06	yes
AN0540	ChrVIII_A_nidulans_FGSC_A4:3243012-3244010	WT_5hasex	WT_veg	OK	3,70774	15,2691	2,042	-2,44239	0,0145904	0,070043	no
AN0541	ChrVIII_A_nidulans_FGSC_A4:3237398-3242950	WT_5hasex	WT_veg	NOTEST	0,709433	0,314468	-1,17375	1,13051	0,258259	1	no
AN0542	ChrVIII_A_nidulans_FGSC_A4:3233916-3235837	WT_5hasex	WT_veg	NOTEST	0,132849	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN0543	ChrVIII_A_nidulans_FGSC_A4:3230973-3232741	WT_5hasex	WT_veg	NOTEST	0,709861	0	-1.79769e+308	-1.79769e+308	0,0630924	1	no
AN0544	ChrVIII_A_nidulans_FGSC_A4:3227948-3228719	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0545	ChrVIII_A_nidulans_FGSC_A4:3224345-3225100	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0546	ChrVIII_A_nidulans_FGSC_A4:3223452-3224045	WT_5hasex	WT_veg	OK	32,9754	32,1015	-0,0387524	0,0493849	0,960613	0,985358	no
AN0547	ChrVIII_A_nidulans_FGSC_A4:3216311-3217669	WT_5hasex	WT_veg	NOTEST	0,15817	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0548	ChrVIII_A_nidulans_FGSC_A4:3214951-3215425	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0549	ChrVIII_A_nidulans_FGSC_A4:3210662-3214397	WT_5hasex	WT_veg	NOTEST	0,548651	0	-1.79769e+308	-1.79769e+308	0,0307566	1	no
AN0550	ChrVIII_A_nidulans_FGSC_A4:3204604-3209147	WT_5hasex	WT_veg	NOTEST	0	0,190332	1.79769e+308	1.79769e+308	0,123323	1	no
AN0551	ChrVIII_A_nidulans_FGSC_A4:3201122-3202996	WT_5hasex	WT_veg	OK	5,57845	10,3399	0,890282	-1,36232	0,173098	0,415897	no
AN0553	ChrVIII_A_nidulans_FGSC_A4:3193008-3194180	WT_5hasex	WT_veg	OK	50,8964	22,4684	-1,17967	2,29895	0,021508	0,0941493	no
AN0557	ChrVIII_A_nidulans_FGSC_A4:3176774-3180378	WT_5hasex	WT_veg	OK	62,9389	163,772	1,37966	-2,78861	0,0052934	0,0311353	yes
AN0559	ChrVIII_A_nidulans_FGSC_A4:3172883-3173763	WT_5hasex	WT_veg	OK	160,721	302,565	0,912686	-1,8433	0,0652854	0,214542	no
AN0560	ChrVIII_A_nidulans_FGSC_A4:3170301-3172681	WT_5hasex	WT_veg	OK	15,9161	27,0901	0,767282	-1,46923	0,14177	0,365297	no
AN0561	ChrVIII_A_nidulans_FGSC_A4:3167833-3170218	WT_5hasex	WT_veg	OK	11,6231	10,4498	-0,153523	0,283669	0,776664	0,908721	no
AN0562	ChrVIII_A_nidulans_FGSC_A4:3165373-3167150	WT_5hasex	WT_veg	OK	18,0751	14,0659	-0,361804	0,665967	0,505432	0,753397	no
AN0563	ChrVIII_A_nidulans_FGSC_A4:3164067-3165222	WT_5hasex	WT_veg	NOTEST	0,771481	1,2394	0,683943	-0,58479	0,558689	1	no
AN0564	ChrVIII_A_nidulans_FGSC_A4:3162012-3163770	WT_5hasex	WT_veg	OK	9,52397	15,7985	0,73015	-1,21166	0,225642	0,488217	no
AN0566	ChrVIII_A_nidulans_FGSC_A4:3148614-3151952	WT_5hasex	WT_veg	OK	21,2956	168,597	2,98495	-5,95499	2,6009E-09	8,4287E-08	yes
AN0567	ChrVIII_A_nidulans_FGSC_A4:3145730-3148146	WT_5hasex	WT_veg	OK	4,05431	1,47307	-1,46063	1,69624	0,0898396	0,268873	no
AN0568	ChrVIII_A_nidulans_FGSC_A4:3142115-3143861	WT_5hasex	WT_veg	OK	10,3272	14,3799	0,477602	-0,822124	0,411006	0,681003	no
AN0569	ChrVIII_A_nidulans_FGSC_A4:3138039-3140749	WT_5hasex	WT_veg	OK	10,3207	17,6305	0,772529	-1,42758	0,153412	0,384719	no
AN0570	ChrVIII_A_nidulans_FGSC_A4:3136647-3137574	WT_5hasex	WT_veg	OK	1826,15	3119,09	0,772319	-1,30022	0,193526	0,445434	no
AN0571	ChrVIII_A_nidulans_FGSC_A4:3135086-3136136	WT_5hasex	WT_veg	OK	123,795	268,598	1,1175	-2,33359	0,019617	0,0878008	no
AN0572	ChrVIII_A_nidulans_FGSC_A4:3132646-3134713	WT_5hasex	WT_veg	OK	2,6948	20,8911	2,95464	-4,32688	1,5123E-05	0,00020861	yes
AN0573	ChrVIII_A_nidulans_FGSC_A4:3128655-3131886	WT_5hasex	WT_veg	OK	60,6032	126,903	1,06626	-2,15254	0,0313545	0,125624	no
AN0574	ChrVIII_A_nidulans_FGSC_A4:3126481-3127558	WT_5hasex	WT_veg	OK	22,2626	43,3078	0,960008	-1,71369	0,0865865	0,262166	no
AN0575	ChrVIII_A_nidulans_FGSC_A4:3122951-3125879	WT_5hasex	WT_veg	OK	45,4383	41,8595	-0,118355	0,245382	0,80616	0,922223	no
AN0576	ChrVIII_A_nidulans_FGSC_A4:3114184-3119333	WT_5hasex	WT_veg	OK	17,4197	14,3202	-0,282664	0,580632	0,561489	0,789795	no
AN0577	ChrVIII_A_nidulans_FGSC_A4:3112553-3113458	WT_5hasex	WT_veg	OK	8,15517	2,43222	-1,74544	1,65331	0,0982681	0,285779	no
AN0578	ChrVIII_A_nidulans_FGSC_A4:3107478-3108599	WT_5hasex	WT_veg	OK	6,4498	16,5737	1,36157	-1,9612	0,0498553	0,177204	no
AN0579	ChrVIII_A_nidulans_FGSC_A4:3105527-3106673	WT_5hasex	WT_veg	OK	135,905	176,064	0,373498	-0,770008	0,441295	0,705432	no
AN0580	ChrVIII_A_nidulans_FGSC_A4:3104831-3105430	WT_5hasex	WT_veg	OK	54,5254	111,417	1,03097	-1,90701	0,0565193	0,193574	no
AN0581	ChrVIII_A_nidulans_FGSC_A4:3101949-3103922	WT_5hasex	WT_veg	OK	27,7848	32,5806	0,229719	-0,463006	0,64336	0,83789	no
AN0582	ChrVIII_A_nidulans_FGSC_A4:3100804-3101754	WT_5hasex	WT_veg	OK	50,6861	91,3329	0,849544	-1,68294	0,0923867	0,27402	no
AN0583	ChrVIII_A_nidulans_FGSC_A4:3097636-3100523	WT_5hasex	WT_veg	OK	7,80146	58,472	2,90593	-5,28688	1,2442E-07	2,8273E-06	yes
AN0584	ChrVIII_A_nidulans_FGSC_A4:3090714-3091483	WT_5hasex	WT_veg	NOTEST	1,37041	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN0585	ChrVIII_A_nidulans_FGSC_A4:3087344-3089074	WT_5hasex	WT_veg	OK	28,8333	13,5978	-1,08437	1,82408	0,0681402	0,221287	no
AN0586	ChrVIII_A_nidulans_FGSC_A4:3074299-3076460	WT_5hasex	WT_veg	NOTEST	0,29005	0,502457	0,792697	-0,464911	0,641995	1	no
AN0587	ChrVIII_A_nidulans_FGSC_A4:3070633-3072703	WT_5hasex	WT_veg	OK	12,1554	0,935818	-3,69923	3,9152	9,0331E-05	0,00100491	yes
AN0588	ChrVIII_A_nidulans_FGSC_A4:3068553-3070127	WT_5hasex	WT_veg	OK	3,02309	0	-1.79769e+308	-1.79769e+308	0,0121372	0,0607055	no
AN0589	ChrVIII_A_nidulans_FGSC_A4:3063549-3066087	WT_5hasex	WT_veg	OK	8,3381	59,5824	2,8371	-5,11343	3,1636E-07	6,5917E-06	yes
AN0590	ChrVIII_A_nidulans_FGSC_A4:3062082-3063364	WT_5hasex	WT_veg	OK	17,9409	41,1112	1,19628	-2,16207	0,0306127	0,123227	no
AN0591	ChrVIII_A_nidulans_FGSC_A4:3060919-3061756	WT_5hasex	WT_veg	OK	28,9748	80,5917	1,47583	-2,68096	0,00734113	0,0406864	yes
AN0592	ChrVIII_A_nidulans_FGSC_A4:3057870-3059978	WT_5hasex	WT_veg	NOTEST	0,284335	0	-1.79769e+308	-1.79769e+308	0,0703913	1	no
AN0593	ChrVIII_A_nidulans_FGSC_A4:3055397-3056864	WT_5hasex	WT_veg	OK	30,8473	64,1649	1,05664	-1,84093	0,0656321	0,215344	no
AN0594	ChrVIII_A_nidulans_FGSC_A4:3046936-3054819	WT_5hasex	WT_veg	OK	10,6617	13,0095	0,28712	-0,565614	0,571657	0,79615	no
AN0595	ChrVIII_A_nidulans_FGSC_A4:3041928-3044349	WT_5hasex	WT_veg	OK	231,029	254,075	0,137178	-0,264279	0,791565	0,915381	no

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AN0597	ChrVIII_A_nidulans_FGSC_A4:3036590-3037163	WT_5hasex	WT_veg	OK	53,3403	99,6408	0,90151	-1,68783	0,0914447	0,271803	no
AN0598	ChrVIII_A_nidulans_FGSC_A4:3035442-3036138	WT_5hasex	WT_veg	OK	17,1736	16,6548	-0,0442591	0,0621741	0,950424	0,981749	no
AN0599	ChrVIII_A_nidulans_FGSC_A4:3032484-3033859	WT_5hasex	WT_veg	OK	14,1017	62,5218	2,14849	-3,75027	0,00017665	0,00179253	yes
AN0600	ChrVIII_A_nidulans_FGSC_A4:3031138-3032055	WT_5hasex	WT_veg	OK	175,062	613,512	1,80922	-3,64192	0,00027062	0,00258492	yes
AN0601	ChrVIII_A_nidulans_FGSC_A4:3028032-3029889	WT_5hasex	WT_veg	OK	23,2693	156,664	2,75117	-5,51758	3,4369E-08	8,8633E-07	yes
AN0602	ChrVIII_A_nidulans_FGSC_A4:3024881-3026610	WT_5hasex	WT_veg	OK	6,85802	11,5467	0,751621	-1,18499	0,236023	0,501423	no
AN0604	ChrVIII_A_nidulans_FGSC_A4:3021846-3023680	WT_5hasex	WT_veg	OK	37,1094	51,0912	0,461292	-0,845424	0,397874	0,670593	no
AN0605	ChrVIII_A_nidulans_FGSC_A4:3017424-3019938	WT_5hasex	WT_veg	OK	7,80182	14,0934	0,853142	-1,51354	0,130143	0,345618	no
AN0608	ChrVIII_A_nidulans_FGSC_A4:2997270-2998651	WT_5hasex	WT_veg	OK	9,81317	3,46075	-1,50364	2,14696	0,0317963	0,126977	no
AN0609	ChrVIII_A_nidulans_FGSC_A4:2994581-2996615	WT_5hasex	WT_veg	OK	13,7727	1,01079	-3,76826	4,2338	2,2977E-05	0,00030146	yes
AN0610	ChrVIII_A_nidulans_FGSC_A4:2989273-2990609	WT_5hasex	WT_veg	OK	18,1835	46,9641	1,36893	-2,11747	0,0342196	0,134441	no
AN0611	ChrVIII_A_nidulans_FGSC_A4:2986729-2987289	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0612	ChrVIII_A_nidulans_FGSC_A4:2984611-2985467	WT_5hasex	WT_veg	NOTEST	0,460871	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN0613	ChrVIII_A_nidulans_FGSC_A4:2982858-2984133	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0614	ChrVIII_A_nidulans_FGSC_A4:2980695-2982347	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0615	ChrVIII_A_nidulans_FGSC_A4:2979315-2980200	WT_5hasex	WT_veg	NOTEST	1,41809	3,02511	1,09304	-1,12355	0,261204	1	no
AN0616	ChrVIII_A_nidulans_FGSC_A4:2975924-2976745	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0617	ChrVIII_A_nidulans_FGSC_A4:2974834-2975812	WT_5hasex	WT_veg	OK	2,01637	6,14744	1,60822	-1,968	0,049068	0,175297	no
AN0618	ChrVIII_A_nidulans_FGSC_A4:2972979-2973946	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0619	ChrVIII_A_nidulans_FGSC_A4:2969800-2972349	WT_5hasex	WT_veg	NOTEST	0,0748851	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0620	ChrVIII_A_nidulans_FGSC_A4:2968350-2969543	WT_5hasex	WT_veg	OK	13,909	76,1439	2,45271	-4,13788	3,5052E-05	0,00043943	yes
AN0621	ChrVIII_A_nidulans_FGSC_A4:2965476-2967171	WT_5hasex	WT_veg	NOTEST	0,610798	2,57512	2,07587	-2,10366	0,0354085	1	no
AN0622	ChrVIII_A_nidulans_FGSC_A4:2957269-2958854	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0623	ChrVIII_A_nidulans_FGSC_A4:2954050-2956474	WT_5hasex	WT_veg	OK	10,6578	22,412	1,07236	-1,9545	0,0506418	0,179173	no
AN0624	ChrVIII_A_nidulans_FGSC_A4:2951308-2953020	WT_5hasex	WT_veg	OK	21,5452	32,7152	0,602598	-1,1417	0,253579	0,522903	no
AN0625	ChrVIII_A_nidulans_FGSC_A4:2949383-2951291	WT_5hasex	WT_veg	OK	7,99748	13,6158	0,767668	-1,25488	0,209523	0,467389	no
AN0626	ChrVIII_A_nidulans_FGSC_A4:2948390-2949137	WT_5hasex	WT_veg	OK	22,3697	29,9011	0,418655	-0,688929	0,490868	0,74323	no
AN0627	ChrVIII_A_nidulans_FGSC_A4:2946869-2948360	WT_5hasex	WT_veg	OK	95,0559	118,296	0,315554	-0,602018	0,547162	0,780414	no
AN0628	ChrVIII_A_nidulans_FGSC_A4:2941241-2942481	WT_5hasex	WT_veg	OK	40,8203	51,0987	0,324	-0,65793	0,510583	0,756416	no
AN0629	ChrVIII_A_nidulans_FGSC_A4:2940356-2941231	WT_5hasex	WT_veg	OK	11,5483	21,1237	0,871191	-1,3399	0,180278	0,42673	no
AN0630	ChrVIII_A_nidulans_FGSC_A4:2939072-2939721	WT_5hasex	WT_veg	OK	573,334	1083,02	0,917615	-1,87096	0,0613507	0,205294	no
AN0631	ChrVIII_A_nidulans_FGSC_A4:2938121-2938934	WT_5hasex	WT_veg	OK	26,8443	42,8944	0,676173	-1,21825	0,223127	0,484998	no
AN0632	ChrVIII_A_nidulans_FGSC_A4:2936627-2937796	WT_5hasex	WT_veg	OK	25,6962	55,5731	1,11283	-2,11428	0,0344917	0,135216	no
AN0633	ChrVIII_A_nidulans_FGSC_A4:2934187-2936452	WT_5hasex	WT_veg	OK	29,4012	42,8659	0,543957	-1,11252	0,265915	0,537347	no
AN0634	ChrVIII_A_nidulans_FGSC_A4:2932924-2933988	WT_5hasex	WT_veg	OK	63,9131	54,7183	-0,224089	0,455926	0,648444	0,840677	no
AN0635	ChrVIII_A_nidulans_FGSC_A4:2931783-2932422	WT_5hasex	WT_veg	OK	2,48338	12,8781	2,37455	-2,51356	0,011952	0,0599684	no
AN0636	ChrVIII_A_nidulans_FGSC_A4:2929851-2931751	WT_5hasex	WT_veg	OK	19,0061	43,5103	1,19489	-2,27607	0,0228417	0,0984576	no
AN0637	ChrVIII_A_nidulans_FGSC_A4:2927088-2929650	WT_5hasex	WT_veg	OK	8,70645	34,3507	1,98018	-3,61612	0,00029905	0,00281291	yes
AN0638	ChrVIII_A_nidulans_FGSC_A4:2925199-2926699	WT_5hasex	WT_veg	OK	5,29491	2,78885	-0,924937	1,1867	0,235347	0,500676	no
AN0639	ChrVIII_A_nidulans_FGSC_A4:2923135-2924596	WT_5hasex	WT_veg	OK	2,31519	2,16832	-0,0945487	0,110884	0,911708	0,966505	no
AN0641	ChrVIII_A_nidulans_FGSC_A4:2919341-2920297	WT_5hasex	WT_veg	OK	1334,88	2263,03	0,761551	-1,34546	0,178478	0,423866	no
AN0643	ChrVIII_A_nidulans_FGSC_A4:2913852-2914710	WT_5hasex	WT_veg	OK	50,9677	57,8141	0,181839	-0,357979	0,720359	0,880323	no
AN0644	ChrVIII_A_nidulans_FGSC_A4:2910456-2912158	WT_5hasex	WT_veg	OK	111,694	510,266	2,1917	-4,30359	1,6805E-05	0,00022957	yes
AN0646	ChrVIII_A_nidulans_FGSC_A4:2904639-2908435	WT_5hasex	WT_veg	OK	57,4083	59,6464	0,0551753	-0,112707	0,910263	0,965974	no
AN0647	ChrVIII_A_nidulans_FGSC_A4:2903522-2903957	WT_5hasex	WT_veg	OK	26,8226	165,878	2,6286	-4,06334	4,8376E-05	0,00058196	yes
AN0649	ChrVIII_A_nidulans_FGSC_A4:2890920-2893240	WT_5hasex	WT_veg	NOTEST	1,04663	1,2077	0,206514	-0,209786	0,833834	1	no
AN0650	ChrVIII_A_nidulans_FGSC_A4:2885326-2888687	WT_5hasex	WT_veg	OK	44,3757	44,9829	0,0196076	-0,0387558	0,969085	0,988771	no
AN0652	ChrVIII_A_nidulans_FGSC_A4:2881536-2882287	WT_5hasex	WT_veg	NOTEST	0	2,37973	1.79769e+308	1.79769e+308	0,123323	1	no
AN0653	ChrVIII_A_nidulans_FGSC_A4:2880084-2881104	WT_5hasex	WT_veg	OK	21,2348	32,6192	0,619291	-1,08468	0,278064	0,551335	no
AN0654	ChrVIII_A_nidulans_FGSC_A4:2878590-2879983	WT_5hasex	WT_veg	OK	55,0023	181,702	1,72401	-3,46045	0,00053928	0,00464031	yes
AN0656	ChrVIII_A_nidulans_FGSC_A4:2874761-2875738	WT_5hasex	WT_veg	OK	32,0549	18,1692	-0,819054	1,32363	0,185627	0,434504	no
AN0657	ChrVIII_A_nidulans_FGSC_A4:2873575-2874708	WT_5hasex	WT_veg	OK	25,1737	30,8451	0,293126	-0,535139	0,592554	0,808384	no
AN0658	ChrVIII_A_nidulans_FGSC_A4:2870931-2872962	WT_5hasex	WT_veg	OK	12,4483	10,284	-0,275558	0,475708	0,634283	0,83269	no

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AN0659	ChrVIII_A_nidulans_FGSC_A4:2865115-2869680	WT_5hasex	WT_veg	OK	11,4166	27,408	1,26347	-2,56143	0,0104243	0,0538289	no
AN0661	ChrVIII_A_nidulans_FGSC_A4:2858402-2861141	WT_5hasex	WT_veg	OK	16,5053	39,5125	1,25938	-2,55495	0,0106202	0,0546249	no
AN0662	ChrVIII_A_nidulans_FGSC_A4:2856984-2858322	WT_5hasex	WT_veg	OK	32,1133	49,0745	0,611804	-1,1504	0,249979	0,518358	no
AN0663	ChrVIII_A_nidulans_FGSC_A4:2852007-2852776	WT_5hasex	WT_veg	OK	12,2448	16,0509	0,390481	-0,493077	0,621958	0,825416	no
AN0664	ChrVIII_A_nidulans_FGSC_A4:2843545-2846971	WT_5hasex	WT_veg	OK	14,0808	44,1467	1,64858	-3,19292	0,0014084	0,0104182	yes
AN0665	ChrVIII_A_nidulans_FGSC_A4:2841447-2842614	WT_5hasex	WT_veg	OK	128,504	154,597	0,266696	-0,553854	0,579679	0,800893	no
AN0666	ChrVIII_A_nidulans_FGSC_A4:2839911-2841218	WT_5hasex	WT_veg	OK	2,54781	10,3035	2,01581	-2,61003	0,00905338	0,048164	yes
AN0668	ChrVIII_A_nidulans_FGSC_A4:2836044-2837587	WT_5hasex	WT_veg	OK	51,0064	99,6978	0,966884	-1,9919	0,0463821	0,168396	no
AN0669	ChrVIII_A_nidulans_FGSC_A4:2834059-2835732	WT_5hasex	WT_veg	OK	14,0987	25,4146	0,8501	-1,5451	0,122322	0,331849	no
AN0671	ChrVIII_A_nidulans_FGSC_A4:2829636-2831834	WT_5hasex	WT_veg	OK	21,333	27,0657	0,343376	-0,682221	0,495099	0,746236	no
AN0672	ChrVIII_A_nidulans_FGSC_A4:2828261-2829469	WT_5hasex	WT_veg	OK	49,1452	109,949	1,16171	-2,29389	0,0217968	0,0951392	no
AN0673	ChrVIII_A_nidulans_FGSC_A4:2825896-2827893	WT_5hasex	WT_veg	OK	152,76	173,395	0,182791	-0,371046	0,710603	0,875486	no
AN0674	ChrVIII_A_nidulans_FGSC_A4:2824386-2825642	WT_5hasex	WT_veg	OK	42,2773	72,0786	0,769687	-1,52901	0,126262	0,338594	no
AN0675	ChrVIII_A_nidulans_FGSC_A4:2822347-2823466	WT_5hasex	WT_veg	OK	20,1388	52,3151	1,37725	-2,45643	0,0140324	0,0679096	no
AN0677	ChrVIII_A_nidulans_FGSC_A4:2815381-2816497	WT_5hasex	WT_veg	OK	2061,34	3223,21	0,644917	-0,93091	0,3519	0,627493	no
AN0678	ChrVIII_A_nidulans_FGSC_A4:2814303-2815069	WT_5hasex	WT_veg	OK	42,9842	78,7674	0,873792	-1,50843	0,131445	0,347756	no
AN0680	ChrVIII_A_nidulans_FGSC_A4:2808710-2810718	WT_5hasex	WT_veg	OK	6,92587	12,1877	0,81536	-1,28608	0,198416	0,452374	no
AN0681	ChrVIII_A_nidulans_FGSC_A4:2807046-2808300	WT_5hasex	WT_veg	OK	16,3538	14,9801	-0,126576	0,214913	0,829835	0,932311	no
AN0682	ChrVIII_A_nidulans_FGSC_A4:2805345-2806148	WT_5hasex	WT_veg	OK	72,6616	86,9605	0,259167	-0,522063	0,601627	0,814109	no
AN0683	ChrVIII_A_nidulans_FGSC_A4:2800878-2802261	WT_5hasex	WT_veg	OK	20,7042	46,4666	1,16627	-1,97933	0,0477785	0,172176	no
AN0684	ChrVIII_A_nidulans_FGSC_A4:2796634-2799248	WT_5hasex	WT_veg	OK	66,4908	112,061	0,753052	-1,4977	0,134212	0,352981	no
AN0685	ChrVIII_A_nidulans_FGSC_A4:2794143-2795534	WT_5hasex	WT_veg	OK	29,1566	63,9933	1,1341	-2,2159	0,0266982	0,110859	no
AN0686	ChrVIII_A_nidulans_FGSC_A4:2792836-2793753	WT_5hasex	WT_veg	OK	266,751	469,573	0,815853	-1,62639	0,103867	0,297471	no
AN0688	ChrVIII_A_nidulans_FGSC_A4:2786504-2791251	WT_5hasex	WT_veg	OK	158,651	349,629	1,14022	-2,14646	0,0318366	0,127099	no
AN0690	ChrVIII_A_nidulans_FGSC_A4:2778085-2779741	WT_5hasex	WT_veg	OK	13,9609	15,6466	0,164457	-0,292971	0,769544	0,905484	no
AN0691	ChrVIII_A_nidulans_FGSC_A4:2777210-2777733	WT_5hasex	WT_veg	OK	7,30136	47,5352	2,70276	-3,85377	0,00011631	0,00125387	yes
AN0692	ChrVIII_A_nidulans_FGSC_A4:2775186-2777035	WT_5hasex	WT_veg	OK	42,2495	76,7261	0,860784	-1,74772	0,0805128	0,248764	no
AN0693	ChrVIII_A_nidulans_FGSC_A4:2773753-2774363	WT_5hasex	WT_veg	OK	526,073	4465,47	3,08548	-5,88166	4,0616E-09	1,273E-07	yes
AN0694	ChrVIII_A_nidulans_FGSC_A4:2772139-2773030	WT_5hasex	WT_veg	OK	93,0768	1366,23	3,87564	-7,91627	2,4425E-15	1,9363E-13	yes
AN0695	ChrVIII_A_nidulans_FGSC_A4:2770857-2771951	WT_5hasex	WT_veg	OK	130,223	733,173	2,49317	-4,97524	6,5168E-07	1,2545E-05	yes
AN0697	ChrVIII_A_nidulans_FGSC_A4:2764396-2767495	WT_5hasex	WT_veg	OK	34,4765	62,1634	0,850452	-1,76274	0,0779437	0,243409	no
AN0698	ChrVIII_A_nidulans_FGSC_A4:2760504-2763199	WT_5hasex	WT_veg	OK	50,2842	65,7017	0,385826	-0,809558	0,418194	0,686923	no
AN0699	ChrVIII_A_nidulans_FGSC_A4:2755105-2756521	WT_5hasex	WT_veg	OK	25,644	28,3006	0,142212	-0,268826	0,788063	0,913502	no
AN0700	ChrVIII_A_nidulans_FGSC_A4:2751898-2754313	WT_5hasex	WT_veg	OK	20,5288	27,5063	0,422114	-0,838429	0,40179	0,67332	no
AN0701	ChrVIII_A_nidulans_FGSC_A4:2750274-2751330	WT_5hasex	WT_veg	OK	13,0958	18,4994	0,498373	-0,808341	0,418894	0,687275	no
AN0703	ChrVIII_A_nidulans_FGSC_A4:2742932-2747319	WT_5hasex	WT_veg	OK	23,5525	33,6254	0,513671	-1,07128	0,284043	0,557803	no
AN0704	ChrVIII_A_nidulans_FGSC_A4:2739017-2742336	WT_5hasex	WT_veg	OK	9,58364	11,4071	0,251292	-0,479513	0,631574	0,831384	no
AN0705	ChrVIII_A_nidulans_FGSC_A4:2734834-2738241	WT_5hasex	WT_veg	OK	72,1671	162,346	1,16966	-2,34656	0,0189474	0,0854017	no
AN0706	ChrVIII_A_nidulans_FGSC_A4:2731014-2734606	WT_5hasex	WT_veg	OK	44,5648	59,9253	0,427262	-0,859997	0,389791	0,663197	no
AN0707	ChrVIII_A_nidulans_FGSC_A4:2726984-2730491	WT_5hasex	WT_veg	OK	20,0129	72,0687	1,84844	-3,82449	0,00013104	0,00139061	yes
AN0709	ChrVIII_A_nidulans_FGSC_A4:2717224-2720466	WT_5hasex	WT_veg	OK	483,417	2423,28	2,32562	-3,08242	0,00205328	0,0142857	yes
AN0710	ChrVIII_A_nidulans_FGSC_A4:2710156-2710838	WT_5hasex	WT_veg	NOTEST	0,277787	2,90748	3,38772	-2,05717	0,0396699	1	no
AN0713	ChrVIII_A_nidulans_FGSC_A4:2697116-2698718	WT_5hasex	WT_veg	OK	5,40401	12,3614	1,19374	-1,79147	0,0732173	0,232727	no
AN0714	ChrVIII_A_nidulans_FGSC_A4:2694618-2695592	WT_5hasex	WT_veg	OK	15,1698	78,4379	2,37035	-4,01422	5,9643E-05	0,0006992	yes
AN0715	ChrVIII_A_nidulans_FGSC_A4:2691699-2694374	WT_5hasex	WT_veg	OK	28,7524	47,4527	0,72281	-1,49757	0,134245	0,352999	no
AN0716	ChrVIII_A_nidulans_FGSC_A4:2689719-2691346	WT_5hasex	WT_veg	OK	39,3429	102,93	1,38748	-2,85237	0,00433948	0,0265403	yes
AN0717	ChrVIII_A_nidulans_FGSC_A4:2687748-2689352	WT_5hasex	WT_veg	OK	35,4039	59,7263	0,754459	-1,49685	0,134432	0,353232	no
AN0718	ChrVIII_A_nidulans_FGSC_A4:2685401-2687664	WT_5hasex	WT_veg	OK	3,04531	6,6066	1,11732	-1,61291	0,106763	0,303296	no
AN0719	ChrVIII_A_nidulans_FGSC_A4:2683272-2685056	WT_5hasex	WT_veg	OK	31,7965	52,3587	0,71956	-1,39609	0,162687	0,399171	no
AN0720	ChrVIII_A_nidulans_FGSC_A4:2681233-2683106	WT_5hasex	WT_veg	OK	62,4306	113,51	0,862499	-1,77561	0,0757969	0,238585	no
AN0722	ChrVIII_A_nidulans_FGSC_A4:2679902-2680600	WT_5hasex	WT_veg	OK	101,487	75,5193	-0,426373	0,837622	0,402243	0,673663	no
AN0723	ChrVIII_A_nidulans_FGSC_A4:2676065-2677290	WT_5hasex	WT_veg	OK	54,0524	297,586	2,46087	-5,067	4,0414E-07	8,1858E-06	yes
AN0725	ChrVIII_A_nidulans_FGSC_A4:2667268-2668801	WT_5hasex	WT_veg	OK	34,585	51,5829	0,576744	-1,1598	0,246128	0,51387	no

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AN0727	ChrVIII_A_nidulans_FGSC_A4:2646896-2648651	WT_5hasex	WT_veg	OK	15,1564	54,6392	1,85001	-3,43349	0,00059586	0,00505733	yes
AN0728	ChrVIII_A_nidulans_FGSC_A4:2644618-2646661	WT_5hasex	WT_veg	OK	4,70896	46,3828	3,30011	-5,28438	1,2614E-07	2,8589E-06	yes
AN0732	ChrVIII_A_nidulans_FGSC_A4:2633802-2636302	WT_5hasex	WT_veg	OK	106,055	463,432	2,12754	-3,59841	0,00032017	0,00297839	yes
AN0735	ChrVIII_A_nidulans_FGSC_A4:2627012-2627600	WT_5hasex	WT_veg	OK	2,34397	2,88399	0,299113	-0,189103	0,850012	0,941019	no
AN0736	ChrVIII_A_nidulans_FGSC_A4:2622259-2623059	WT_5hasex	WT_veg	OK	28,8933	49,7032	0,782603	-1,2214	0,221935	0,483432	no
AN0737	ChrVIII_A_nidulans_FGSC_A4:2618681-2620968	WT_5hasex	WT_veg	NOTEST	1,18499	2,62381	1,14679	-1,37862	0,168012	1	no
AN0738	ChrVIII_A_nidulans_FGSC_A4:2618681-2620968	WT_5hasex	WT_veg	NOTEST	0,365165	0	-1.79769e+308	-1.79769e+308	0,189621	1	no
AN0739	ChrVIII_A_nidulans_FGSC_A4:2616473-2618122	WT_5hasex	WT_veg	OK	4,21381	10,8569	1,36541	-1,98615	0,0470172	0,170093	no
AN0740	ChrVIII_A_nidulans_FGSC_A4:2613728-2615290	WT_5hasex	WT_veg	OK	10,3836	37,0529	1,83528	-3,07854	0,00208017	0,0144378	yes
AN0742	ChrVIII_A_nidulans_FGSC_A4:2605700-2608436	WT_5hasex	WT_veg	OK	68,7991	162,76	1,24228	-2,57937	0,00989795	0,0516966	no
AN0743	ChrVIII_A_nidulans_FGSC_A4:2604246-2605371	WT_5hasex	WT_veg	OK	14,1116	19,9648	0,500576	-0,734953	0,462368	0,721825	no
AN0744	ChrVIII_A_nidulans_FGSC_A4:2599376-2601191	WT_5hasex	WT_veg	NOTEST	1,60578	1,86211	0,213663	-0,232511	0,816141	1	no
AN0745	ChrVIII_A_nidulans_FGSC_A4:2596593-2598191	WT_5hasex	WT_veg	OK	144,838	587,815	2,02092	-3,90085	9,5856E-05	0,00105659	yes
AN0746	ChrVIII_A_nidulans_FGSC_A4:2595273-2596239	WT_5hasex	WT_veg	OK	4,08558	9,19662	1,17056	-1,46845	0,141983	0,365649	no
AN0747	ChrVIII_A_nidulans_FGSC_A4:2593184-2595051	WT_5hasex	WT_veg	OK	282,9	552,996	0,966976	-1,85636	0,0634028	0,210081	no
AN0748	ChrVIII_A_nidulans_FGSC_A4:2589337-2591711	WT_5hasex	WT_veg	NOTEST	0,141612	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0749	ChrVIII_A_nidulans_FGSC_A4:2586487-2587417	WT_5hasex	WT_veg	NOTEST	0,221373	1,7979	3,02176	-1,38699	0,165446	1	no
AN0750	ChrVIII_A_nidulans_FGSC_A4:2582554-2585994	WT_5hasex	WT_veg	OK	3,23645	2,72092	-0,250315	0,335291	0,737405	0,889681	no
AN0751	ChrVIII_A_nidulans_FGSC_A4:2573616-2575302	WT_5hasex	WT_veg	OK	34,308	70,5905	1,04093	-1,79498	0,0726564	0,231447	no
AN0752	ChrVIII_A_nidulans_FGSC_A4:2569278-2570481	WT_5hasex	WT_veg	OK	44,6402	168,978	1,92042	-3,82187	0,00013244	0,00140322	yes
AN0753	ChrVIII_A_nidulans_FGSC_A4:2566889-2569000	WT_5hasex	WT_veg	OK	114,902	238,212	1,05184	-2,13664	0,0326271	0,129481	no
AN0754	ChrVIII_A_nidulans_FGSC_A4:2565702-2566698	WT_5hasex	WT_veg	OK	104,323	286,654	1,45825	-3,04682	0,00231275	0,0157495	yes
AN0755	ChrVIII_A_nidulans_FGSC_A4:2564843-2565446	WT_5hasex	WT_veg	OK	45,6816	117,407	1,36184	-2,49013	0,0127696	0,0631931	no
AN0757	ChrVIII_A_nidulans_FGSC_A4:2557204-2560431	WT_5hasex	WT_veg	OK	28,9526	83,6981	1,5315	-3,07202	0,00212618	0,0147006	yes
AN0758	ChrVIII_A_nidulans_FGSC_A4:2554979-2556622	WT_5hasex	WT_veg	OK	2,63028	8,07037	1,61742	-2,0884	0,0367618	0,141688	no
AN0759	ChrVIII_A_nidulans_FGSC_A4:2553853-2554380	WT_5hasex	WT_veg	OK	34,9236	23,9838	-0,54214	0,753343	0,451244	0,713112	no
AN0760	ChrVIII_A_nidulans_FGSC_A4:2551539-2553274	WT_5hasex	WT_veg	NOTEST	0,396135	0,983221	1,31152	-0,882284	0,377623	1	no
AN0761	ChrVIII_A_nidulans_FGSC_A4:2548582-2549968	WT_5hasex	WT_veg	OK	17,767	18,1173	0,0281699	-0,0419703	0,966522	0,98772	no
AN0762	ChrVIII_A_nidulans_FGSC_A4:2544132-2546562	WT_5hasex	WT_veg	OK	37,8852	57,2842	0,596503	-1,22971	0,218805	0,479642	no
AN0764	ChrVIII_A_nidulans_FGSC_A4:2537216-2538277	WT_5hasex	WT_veg	OK	8,42608	12,0325	0,513999	-0,740363	0,45908	0,719459	no
AN0765	ChrVIII_A_nidulans_FGSC_A4:2535938-2537031	WT_5hasex	WT_veg	NOTEST	0,655634	1,60786	1,29418	-0,994536	0,319962	1	no
AN0766	ChrVIII_A_nidulans_FGSC_A4:2532772-2535188	WT_5hasex	WT_veg	OK	15,8487	59,0998	1,89879	-3,76622	0,00016574	0,0016953	yes
AN0767	ChrVIII_A_nidulans_FGSC_A4:2531006-2531530	WT_5hasex	WT_veg	OK	172,988	296,246	0,776121	-1,57836	0,114484	0,317374	no
AN0768	ChrVIII_A_nidulans_FGSC_A4:2528841-2530434	WT_5hasex	WT_veg	OK	32,5129	44,7108	0,459611	-0,929409	0,352677	0,628135	no
AN0770	ChrVIII_A_nidulans_FGSC_A4:2523610-2525207	WT_5hasex	WT_veg	OK	51,5773	40,5083	-0,34852	0,719088	0,472087	0,729381	no
AN0771	ChrVIII_A_nidulans_FGSC_A4:2515423-2520708	WT_5hasex	WT_veg	OK	11,3706	20,8758	0,876519	-1,79492	0,0726657	0,231451	no
AN0773	ChrVIII_A_nidulans_FGSC_A4:2506141-2508025	WT_5hasex	WT_veg	OK	59,3733	50,9258	-0,221416	0,461115	0,644716	0,838439	no
AN0774	ChrVIII_A_nidulans_FGSC_A4:2504377-2505642	WT_5hasex	WT_veg	OK	4,17132	4,05595	-0,0404626	0,0526059	0,958046	0,98444	no
AN0775	ChrVIII_A_nidulans_FGSC_A4:2502514-2503886	WT_5hasex	WT_veg	OK	13,151	33,5134	1,34957	-2,25033	0,0244278	0,103521	no
AN0776	ChrVIII_A_nidulans_FGSC_A4:2501090-2502297	WT_5hasex	WT_veg	OK	1076,24	1715,12	0,672316	-1,20125	0,229652	0,493037	no
AN0777	ChrVIII_A_nidulans_FGSC_A4:2498627-2500524	WT_5hasex	WT_veg	OK	22,7538	106,396	2,22526	-4,38043	1,1844E-05	0,00016671	yes
AN0778	ChrVIII_A_nidulans_FGSC_A4:2496814-2497720	WT_5hasex	WT_veg	OK	3,26645	2,98868	-0,128217	0,135812	0,89197	0,958849	no
AN0779	ChrVIII_A_nidulans_FGSC_A4:2492619-2495902	WT_5hasex	WT_veg	OK	49,8038	93,7068	0,911899	-1,89673	0,0578637	0,196837	no
AN0780	ChrVIII_A_nidulans_FGSC_A4:2489604-2491066	WT_5hasex	WT_veg	OK	11,2677	9,28573	-0,27911	0,452128	0,651177	0,842335	no
AN0781	ChrVIII_A_nidulans_FGSC_A4:2484470-2487651	WT_5hasex	WT_veg	OK	21,2395	22,256	0,0674412	-0,138818	0,889594	0,958142	no
AN0782	ChrVIII_A_nidulans_FGSC_A4:2480638-2484058	WT_5hasex	WT_veg	OK	16,3915	33,9668	1,05118	-2,1434	0,0320809	0,127811	no
AN0783	ChrVIII_A_nidulans_FGSC_A4:2478680-2480503	WT_5hasex	WT_veg	OK	4,06371	3,10918	-0,386263	0,503302	0,614752	0,821659	no
AN0784	ChrVIII_A_nidulans_FGSC_A4:2477405-2478318	WT_5hasex	WT_veg	OK	5,08531	13,5737	1,41641	-1,96825	0,0490394	0,175226	no
AN0786	ChrVIII_A_nidulans_FGSC_A4:2475391-2476016	WT_5hasex	WT_veg	OK	5,55038	1,75123	-1,66422	1,15403	0,248487	0,516694	no
AN0788	ChrVIII_A_nidulans_FGSC_A4:2471019-2472096	WT_5hasex	WT_veg	OK	37,5058	80,8825	1,10871	-2,13638	0,0326483	0,12954	no
AN0789	ChrVIII_A_nidulans_FGSC_A4:2464383-2467949	WT_5hasex	WT_veg	OK	138,44	647,016	2,22454	-4,19245	2,7596E-05	0,00035565	yes
AN0790	ChrVIII_A_nidulans_FGSC_A4:2464383-2467949	WT_5hasex	WT_veg	OK	160,517	690,935	2,10583	-3,99463	6,4796E-05	0,00075154	yes
AN0791	ChrVIII_A_nidulans_FGSC_A4:2463540-2464148	WT_5hasex	WT_veg	OK	249,44	2152,34	3,10914	-6,24997	4,1052E-10	1,5476E-08	yes

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AN0792	ChrVIII_A_nidulans_FGSC_A4:2461130-2463322	WT_5hasex	WT_veg	NOTEST	1,00955	2,86698	1,50582	-1,78773	0,07382	1	no
AN0793	ChrVIII_A_nidulans_FGSC_A4:2459940-2460893	WT_5hasex	WT_veg	NOTEST	0,436991	1,1121	1,34761	-0,850644	0,394967	1	no
AN0794	ChrVIII_A_nidulans_FGSC_A4:2456649-2457513	WT_5hasex	WT_veg	OK	21,8032	32,9762	0,596888	-1,04425	0,296368	0,571491	no
AN0795	ChrVIII_A_nidulans_FGSC_A4:2455860-2456379	WT_5hasex	WT_veg	OK	66,8734	106,443	0,670582	-1,23797	0,215728	0,475615	no
AN0796	ChrVIII_A_nidulans_FGSC_A4:2454651-2455576	WT_5hasex	WT_veg	OK	10,1893	96,4726	3,24306	-5,06553	4,0726E-07	8,2334E-06	yes
AN0797	ChrVIII_A_nidulans_FGSC_A4:2451633-2454443	WT_5hasex	WT_veg	OK	21,6198	28,1169	0,379086	-0,77261	0,439753	0,704032	no
AN0798	ChrVIII_A_nidulans_FGSC_A4:2448562-2449638	WT_5hasex	WT_veg	OK	25,1667	82,9574	1,72085	-3,05227	0,00227115	0,0155216	yes
AN0799	ChrVIII_A_nidulans_FGSC_A4:2444982-2447430	WT_5hasex	WT_veg	NOTEST	1,46722	2,74346	0,902913	-0,984861	0,324692	1	no
AN0800	ChrVIII_A_nidulans_FGSC_A4:2442251-2444654	WT_5hasex	WT_veg	OK	3,46038	12,3972	1,84101	-2,40179	0,0163149	0,0763263	no
AN0801	ChrVIII_A_nidulans_FGSC_A4:2439502-2441565	WT_5hasex	WT_veg	OK	0,964142	4,18892	2,11926	-2,19773	0,0279684	0,114886	no
AN0802	ChrVIII_A_nidulans_FGSC_A4:2436322-2438935	WT_5hasex	WT_veg	OK	62,0272	124,687	1,00734	-2,08739	0,0368532	0,142009	no
AN0803	ChrVIII_A_nidulans_FGSC_A4:2432231-2435542	WT_5hasex	WT_veg	OK	25,4733	52,4877	1,04299	-2,14308	0,0321069	0,127894	no
AN0804	ChrVIII_A_nidulans_FGSC_A4:2430425-2431749	WT_5hasex	WT_veg	OK	16,6744	29,5061	0,823376	-1,41938	0,155788	0,388468	no
AN0805	ChrVIII_A_nidulans_FGSC_A4:2429575-2430406	WT_5hasex	WT_veg	OK	5,82727	46,7534	3,00418	-4,3028	1,6865E-05	0,00023027	yes
AN0806	ChrVIII_A_nidulans_FGSC_A4:2426977-2428958	WT_5hasex	WT_veg	OK	25,3791	56,0546	1,14319	-2,25499	0,0241342	0,102622	no
AN0808	ChrVIII_A_nidulans_FGSC_A4:2419574-2421360	WT_5hasex	WT_veg	OK	22,8668	38,7524	0,761031	-1,4707	0,141372	0,364774	no
AN0809	ChrVIII_A_nidulans_FGSC_A4:2413469-2418954	WT_5hasex	WT_veg	OK	28,3625	62,9289	1,14974	-2,40347	0,0162404	0,0761071	no
AN0810	ChrVIII_A_nidulans_FGSC_A4:2408761-2412634	WT_5hasex	WT_veg	OK	41,3929	54,6512	0,400868	-0,792478	0,428082	0,694716	no
AN0811	ChrVIII_A_nidulans_FGSC_A4:2406017-2407718	WT_5hasex	WT_veg	OK	18,3174	17,634	-0,0548543	0,0835992	0,933375	0,974936	no
AN0813	ChrVIII_A_nidulans_FGSC_A4:2399425-2401713	WT_5hasex	WT_veg	OK	36,3245	37,4323	0,0433386	-0,0874981	0,930276	0,973566	no
AN0814	ChrVIII_A_nidulans_FGSC_A4:2396806-2398663	WT_5hasex	WT_veg	OK	48,9141	63,7563	0,382318	-0,793858	0,427278	0,69414	no
AN0815	ChrVIII_A_nidulans_FGSC_A4:2395679-2396581	WT_5hasex	WT_veg	OK	9,80269	35,053	1,83829	-2,79504	0,00518933	0,0306367	yes
AN0816	ChrVIII_A_nidulans_FGSC_A4:2393149-2394908	WT_5hasex	WT_veg	OK	41,532	48,9442	0,236914	-0,480411	0,630935	0,830981	no
AN0817	ChrVIII_A_nidulans_FGSC_A4:2389614-2391701	WT_5hasex	WT_veg	OK	37,0875	59,0133	0,670106	-1,35965	0,173942	0,417328	no
AN0818	ChrVIII_A_nidulans_FGSC_A4:2385109-2387450	WT_5hasex	WT_veg	OK	19,3071	54,7736	1,50435	-2,98376	0,00284733	0,0187068	yes
AN0819	ChrVIII_A_nidulans_FGSC_A4:2383855-2384913	WT_5hasex	WT_veg	OK	386,884	1862,96	2,26762	-4,36584	1,2664E-05	0,0001772	yes
AN0820	ChrVIII_A_nidulans_FGSC_A4:2380545-2381111	WT_5hasex	WT_veg	OK	274,686	90,5326	-1,60127	2,84166	0,00448795	0,0272859	yes
AN0821	ChrVIII_A_nidulans_FGSC_A4:2373513-2374904	WT_5hasex	WT_veg	OK	22,1332	17,4792	-0,340572	0,63727	0,523949	0,765793	no
AN0823	ChrVIII_A_nidulans_FGSC_A4:2364825-2366631	WT_5hasex	WT_veg	OK	57,8952	180,502	1,6405	-3,29962	0,00096818	0,00763956	yes
AN0825	ChrVIII_A_nidulans_FGSC_A4:2359675-2360616	WT_5hasex	WT_veg	OK	9,37605	14,3718	0,616191	-0,926534	0,354168	0,629742	no
AN0826	ChrVIII_A_nidulans_FGSC_A4:2356241-2357903	WT_5hasex	WT_veg	OK	20,0858	35,6761	0,828783	-1,59507	0,110697	0,310583	no
AN0827	ChrVIII_A_nidulans_FGSC_A4:2352454-2354097	WT_5hasex	WT_veg	OK	32,4916	45,4114	0,482986	-0,965381	0,334354	0,610716	no
AN0828	ChrVIII_A_nidulans_FGSC_A4:2349906-2352035	WT_5hasex	WT_veg	OK	23,5214	39,1837	0,736279	-1,39621	0,162653	0,399116	no
AN0830	ChrVIII_A_nidulans_FGSC_A4:2345782-2346713	WT_5hasex	WT_veg	OK	36,3654	89,3855	1,29748	-2,31011	0,0208819	0,0921475	no
AN0831	ChrVIII_A_nidulans_FGSC_A4:2343389-2345370	WT_5hasex	WT_veg	OK	140,684	395,777	1,49223	-2,99327	0,00276008	0,0182342	yes
AN0832	ChrVIII_A_nidulans_FGSC_A4:2340882-2342967	WT_5hasex	WT_veg	OK	89,3783	282,733	1,66144	-3,41981	0,00062665	0,00527899	yes
AN0833	ChrVIII_A_nidulans_FGSC_A4:2339132-2339915	WT_5hasex	WT_veg	OK	4860	10330	1,08781	-1,3679	0,171343	0,413137	no
AN0834	ChrVIII_A_nidulans_FGSC_A4:2335538-2338450	WT_5hasex	WT_veg	OK	50,7065	66,5511	0,392293	-0,806852	0,419752	0,688015	no
AN0835	ChrVIII_A_nidulans_FGSC_A4:2333666-2335066	WT_5hasex	WT_veg	OK	4,37441	11,1168	1,34558	-1,73965	0,0819206	0,251822	no
AN0836	ChrVIII_A_nidulans_FGSC_A4:2328802-2330679	WT_5hasex	WT_veg	OK	44,0774	28,9236	-0,607793	1,24058	0,21476	0,474369	no
AN0837	ChrVIII_A_nidulans_FGSC_A4:2323070-2328062	WT_5hasex	WT_veg	OK	10,0452	23,1628	1,2053	-2,44846	0,0143467	0,0691362	no
AN0839	ChrVIII_A_nidulans_FGSC_A4:2310663-2312608	WT_5hasex	WT_veg	NOTEST	0	0,598972	1.79769e+308	1.79769e+308	0,134707	1	no
AN0840	ChrVIII_A_nidulans_FGSC_A4:2308007-2310322	WT_5hasex	WT_veg	OK	44,6272	52,7384	0,240928	-0,479359	0,631683	0,831394	no
AN0841	ChrVIII_A_nidulans_FGSC_A4:2306984-2307809	WT_5hasex	WT_veg	OK	5,49587	13,0778	1,2507	-1,33879	0,18064	0,427162	no
AN0842	ChrVIII_A_nidulans_FGSC_A4:2299701-2305566	WT_5hasex	WT_veg	OK	27,7787	36,6532	0,39996	-0,831026	0,405959	0,676995	no
AN0843	ChrVIII_A_nidulans_FGSC_A4:2297441-2299054	WT_5hasex	WT_veg	OK	973,448	1505,03	0,628614	-1,02859	0,303671	0,579729	no
AN0844	ChrVIII_A_nidulans_FGSC_A4:2294739-2297209	WT_5hasex	WT_veg	OK	11,9159	73,0898	2,61678	-4,9062	9,286E-07	1,7213E-05	yes
AN0845	ChrVIII_A_nidulans_FGSC_A4:2293099-2293621	WT_5hasex	WT_veg	NOTEST	1,52405	2,92781	0,941916	-0,737781	0,460647	1	no
AN0846	ChrVIII_A_nidulans_FGSC_A4:2291911-2292724	WT_5hasex	WT_veg	OK	11,4308	33,7127	1,56036	-2,44555	0,0144632	0,069577	no
AN0847	ChrVIII_A_nidulans_FGSC_A4:2288059-2291403	WT_5hasex	WT_veg	OK	30,0602	23,0094	-0,385632	0,774929	0,438381	0,703026	no
AN0848	ChrVIII_A_nidulans_FGSC_A4:2285973-2287931	WT_5hasex	WT_veg	OK	42,4538	75,8678	0,837595	-1,68484	0,092019	0,273164	no
AN0849	ChrVIII_A_nidulans_FGSC_A4:2283618-2285670	WT_5hasex	WT_veg	OK	13,7126	28,0774	1,03391	-1,94869	0,0513323	0,18077	no
AN0850	ChrVIII_A_nidulans_FGSC_A4:2280718-2283148	WT_5hasex	WT_veg	OK	48,6549	43,9275	-0,14746	0,294869	0,768094	0,904791	no

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AN0851	ChrVIII_A_nidulans_FGSC_A4:2279535-2280386	WT_5hasex	WT_veg	OK	6,35208	6,87232	0,113568	-0,143364	0,886003	0,956595	no
AN0852	ChrVIII_A_nidulans_FGSC_A4:2278557-2279350	WT_5hasex	WT_veg	OK	3,32299	1,77357	-0,905825	0,73801	0,460508	0,720517	no
AN0853	ChrVIII_A_nidulans_FGSC_A4:2275711-2277996	WT_5hasex	WT_veg	OK	2,9365	4,9068	0,740685	-1,03434	0,300977	0,576744	no
AN0854	ChrVIII_A_nidulans_FGSC_A4:2269259-2275019	WT_5hasex	WT_veg	OK	14,0751	24,5277	0,801269	-1,58654	0,112616	0,313966	no
AN0855	ChrVIII_A_nidulans_FGSC_A4:2265728-2268859	WT_5hasex	WT_veg	OK	6,00107	9,10573	0,601556	-1,06404	0,287312	0,561593	no
AN0856	ChrVIII_A_nidulans_FGSC_A4:2263517-2265496	WT_5hasex	WT_veg	OK	95,7591	130,146	0,44265	-0,891547	0,372636	0,647399	no
AN0857	ChrVIII_A_nidulans_FGSC_A4:2258463-2260208	WT_5hasex	WT_veg	OK	69,3804	140,691	1,01993	-2,09482	0,0361874	0,140186	no
AN0859	ChrVIII_A_nidulans_FGSC_A4:2251416-2252421	WT_5hasex	WT_veg	OK	61,4261	154,744	1,33296	-2,76449	0,00570111	0,0331098	yes
AN0860	ChrVIII_A_nidulans_FGSC_A4:2247362-2249672	WT_5hasex	WT_veg	OK	1088,98	5656,49	2,37693	-2,68324	0,0072912	0,040461	yes
AN0861	ChrVIII_A_nidulans_FGSC_A4:2245918-2247283	WT_5hasex	WT_veg	OK	83,5735	138,981	0,73377	-1,5252	0,12721	0,340279	no
AN0862	ChrVIII_A_nidulans_FGSC_A4:2244670-2245297	WT_5hasex	WT_veg	OK	55,0426	142,413	1,37146	-2,5006	0,0123983	0,0617231	no
AN0863	ChrVIII_A_nidulans_FGSC_A4:2241821-2244378	WT_5hasex	WT_veg	OK	12,4153	17,7596	0,516475	-0,97299	0,330558	0,606908	no
AN0864	ChrVIII_A_nidulans_FGSC_A4:2235408-2236145	WT_5hasex	WT_veg	OK	37,196	47,5554	0,354461	-0,628422	0,529727	0,769303	no
AN0865	ChrVIII_A_nidulans_FGSC_A4:2233719-2235120	WT_5hasex	WT_veg	OK	34,6673	36,5244	0,0752848	-0,148418	0,882013	0,95519	no
AN0866	ChrVIII_A_nidulans_FGSC_A4:2229876-2232313	WT_5hasex	WT_veg	OK	14,3826	39,7709	1,46738	-2,79223	0,00523456	0,0308586	yes
AN0867	ChrVIII_A_nidulans_FGSC_A4:2224009-2225509	WT_5hasex	WT_veg	OK	188,535	164,423	-0,197414	0,390753	0,69598	0,867071	no
AN0868	ChrVIII_A_nidulans_FGSC_A4:2222223-2223484	WT_5hasex	WT_veg	OK	18,759	26,821	0,515783	-0,918943	0,358125	0,633149	no
AN0869	ChrVIII_A_nidulans_FGSC_A4:2220827-2221636	WT_5hasex	WT_veg	OK	16,8134	34,2218	1,02531	-1,59587	0,110517	0,310226	no
AN0870	ChrVIII_A_nidulans_FGSC_A4:2217248-2218676	WT_5hasex	WT_veg	OK	1033,52	2470,89	1,25747	-2,05438	0,0399391	0,150676	no
AN0871	ChrVIII_A_nidulans_FGSC_A4:2213476-2214744	WT_5hasex	WT_veg	OK	63,5267	180,566	1,50709	-3,14551	0,00165799	0,0119376	yes
AN0872	ChrVIII_A_nidulans_FGSC_A4:2210121-2212874	WT_5hasex	WT_veg	OK	15,6022	21,6204	0,470649	-0,932404	0,351128	0,626781	no
AN0873	ChrVIII_A_nidulans_FGSC_A4:2208155-2209752	WT_5hasex	WT_veg	OK	3,34621	8,00718	1,25877	-1,67209	0,0945074	0,278286	no
AN0874	ChrVIII_A_nidulans_FGSC_A4:2205002-2207322	WT_5hasex	WT_veg	OK	33,6262	74,6288	1,15015	-2,35164	0,0186907	0,0844993	no
AN0875	ChrVIII_A_nidulans_FGSC_A4:2203179-2204517	WT_5hasex	WT_veg	OK	46,5824	100,949	1,11576	-2,22203	0,0262811	0,109613	no
AN0876	ChrVIII_A_nidulans_FGSC_A4:2200978-2201988	WT_5hasex	WT_veg	OK	33,8938	83,909	1,3078	-2,50627	0,0122012	0,0609583	no
AN0879	ChrVIII_A_nidulans_FGSC_A4:2187432-2188271	WT_5hasex	WT_veg	OK	115,487	223,301	0,951264	-1,95979	0,0500199	0,177608	no
AN0881	ChrVIII_A_nidulans_FGSC_A4:2184320-2185667	WT_5hasex	WT_veg	OK	12,112	29,8521	1,3014	-2,25498	0,0241349	0,102622	no
AN0882	ChrVIII_A_nidulans_FGSC_A4:2183420-2184303	WT_5hasex	WT_veg	OK	9,41579	9,29522	-0,0185928	0,0233133	0,9814	0,993422	no
AN0883	ChrVIII_A_nidulans_FGSC_A4:2181998-2183143	WT_5hasex	WT_veg	OK	13,8733	15,8958	0,196338	-0,324973	0,745201	0,892858	no
AN0884	ChrVIII_A_nidulans_FGSC_A4:2179091-2180296	WT_5hasex	WT_veg	OK	464,167	658,914	0,505447	-0,826253	0,408661	0,678666	no
AN0885	ChrVIII_A_nidulans_FGSC_A4:2176012-2178624	WT_5hasex	WT_veg	OK	101,304	190,436	0,910613	-1,72752	0,0840738	0,256724	no
AN0888	ChrVIII_A_nidulans_FGSC_A4:2167484-2169191	WT_5hasex	WT_veg	OK	15,1835	21,6005	0,50856	-0,948815	0,342714	0,618144	no
AN0889	ChrVIII_A_nidulans_FGSC_A4:2165463-2167161	WT_5hasex	WT_veg	OK	38,9025	86,7416	1,15686	-2,36041	0,0182548	0,0830229	no
AN0890	ChrVIII_A_nidulans_FGSC_A4:2153216-2155721	WT_5hasex	WT_veg	OK	18,8055	32,6511	0,795975	-1,55206	0,120648	0,328725	no
AN0892	ChrVIII_A_nidulans_FGSC_A4:2144777-2147409	WT_5hasex	WT_veg	OK	23,1252	48,9305	1,08127	-2,14993	0,031561	0,126249	no
AN0894	ChrVIII_A_nidulans_FGSC_A4:2139637-2142035	WT_5hasex	WT_veg	OK	29,9809	199,249	2,73246	-5,53323	3,1438E-08	8,1758E-07	yes
AN0895	ChrVIII_A_nidulans_FGSC_A4:2137303-2138563	WT_5hasex	WT_veg	OK	205,759	403,162	0,970405	-1,79927	0,0719767	0,229997	no
AN0896	ChrVIII_A_nidulans_FGSC_A4:2136041-2137075	WT_5hasex	WT_veg	OK	231,933	543,674	1,22903	-2,53432	0,0112665	0,0572303	no
AN0897	ChrVIII_A_nidulans_FGSC_A4:2134980-2135974	WT_5hasex	WT_veg	OK	61,7015	95,1147	0,624363	-1,26218	0,206883	0,46385	no
AN0898	ChrVIII_A_nidulans_FGSC_A4:2132226-2134170	WT_5hasex	WT_veg	OK	112,628	291,2	1,37045	-2,8474	0,00440774	0,0268981	yes
AN0899	ChrVIII_A_nidulans_FGSC_A4:2127789-2130477	WT_5hasex	WT_veg	NOTEST	0,362023	0,335166	-0,111206	0,0717025	0,942839	1	no
AN0900	ChrVIII_A_nidulans_FGSC_A4:2125552-2126340	WT_5hasex	WT_veg	NOTEST	0,869432	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN0902	ChrVIII_A_nidulans_FGSC_A4:2119588-2121512	WT_5hasex	WT_veg	OK	9,08086	9,85711	0,118336	-0,195073	0,845336	0,938979	no
AN0903	ChrVIII_A_nidulans_FGSC_A4:2117853-2118801	WT_5hasex	WT_veg	OK	27,8438	67,7628	1,28314	-2,19141	0,0284222	0,11624	no
AN0904	ChrVIII_A_nidulans_FGSC_A4:2114218-2116225	WT_5hasex	WT_veg	OK	33,5759	80,167	1,25558	-2,11646	0,034306	0,134684	no
AN0905	ChrVIII_A_nidulans_FGSC_A4:2111146-2113797	WT_5hasex	WT_veg	OK	12,4009	20,2133	0,704861	-1,3533	0,175959	0,420323	no
AN0907	ChrVIII_A_nidulans_FGSC_A4:2104838-2106116	WT_5hasex	WT_veg	OK	709,63	1165,34	0,715612	-1,27816	0,201193	0,456264	no
AN0908	ChrVIII_A_nidulans_FGSC_A4:2103451-2104629	WT_5hasex	WT_veg	OK	8,61514	11,1256	0,368938	-0,551321	0,581414	0,801959	no
AN0909	ChrVIII_A_nidulans_FGSC_A4:2101394-2103395	WT_5hasex	WT_veg	OK	20,1779	18,5318	-0,122774	0,239507	0,810713	0,924154	no
AN0910	ChrVIII_A_nidulans_FGSC_A4:2099287-2101027	WT_5hasex	WT_veg	OK	51,5587	73,0555	0,502776	-1,03756	0,299477	0,57499	no
AN0911	ChrVIII_A_nidulans_FGSC_A4:2097448-2098941	WT_5hasex	WT_veg	OK	13,4489	14,6873	0,127072	-0,221522	0,824686	0,930079	no
AN0912	ChrVIII_A_nidulans_FGSC_A4:2095643-2097234	WT_5hasex	WT_veg	OK	102,003	80,8047	-0,336105	0,66267	0,507542	0,754674	no
AN0913	ChrVIII_A_nidulans_FGSC_A4:2093963-2095009	WT_5hasex	WT_veg	OK	210,73	223,821	0,0869523	-0,150597	0,880293	0,95456	no

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AN0914	ChrVIII_A_nidulans_FGSC_A4:2091147-2092969	WT_5hasex	WT_veg	OK	25,4251	37,6868	0,567805	-1,12394	0,261039	0,531531	no
AN0915	ChrVIII_A_nidulans_FGSC_A4:2087604-2088057	WT_5hasex	WT_veg	NOTEST	0	0,422766	1.79769e+308	1.79769e+308	0,309884	1	no
AN0916	ChrVIII_A_nidulans_FGSC_A4:2083585-2085190	WT_5hasex	WT_veg	NOTEST	0,282807	1,0919	1,94895	-1,27498	0,202317	1	no
AN0917	ChrVIII_A_nidulans_FGSC_A4:2079810-2082205	WT_5hasex	WT_veg	OK	45,2328	72,6699	0,683986	-1,41021	0,158479	0,393201	no
AN0918	ChrVIII_A_nidulans_FGSC_A4:2077847-2079372	WT_5hasex	WT_veg	OK	297,036	327,966	0,142907	-0,270382	0,786867	0,912998	no
AN0919	ChrVIII_A_nidulans_FGSC_A4:2075143-2076520	WT_5hasex	WT_veg	OK	112,214	69,0923	-0,699653	1,43203	0,152136	0,382674	no
AN0920	ChrVIII_A_nidulans_FGSC_A4:2072111-2073771	WT_5hasex	WT_veg	OK	15,8518	22,7525	0,521379	-0,968687	0,332701	0,609059	no
AN0921	ChrVIII_A_nidulans_FGSC_A4:2070556-2071626	WT_5hasex	WT_veg	NOTEST	1,30566	0,771188	-0,759623	0,492765	0,622179	1	no
AN0922	ChrVIII_A_nidulans_FGSC_A4:2067860-2069582	WT_5hasex	WT_veg	OK	65,0999	104,31	0,680155	-1,40339	0,1605	0,396068	no
AN0923	ChrVIII_A_nidulans_FGSC_A4:2064957-2067447	WT_5hasex	WT_veg	OK	28,3375	54,1308	0,933738	-1,8998	0,0574595	0,195888	no
AN0924	ChrVIII_A_nidulans_FGSC_A4:2061393-2063031	WT_5hasex	WT_veg	OK	45,9488	89,5705	0,962996	-1,89397	0,0582285	0,197815	no
AN0925	ChrVIII_A_nidulans_FGSC_A4:2057542-2060685	WT_5hasex	WT_veg	OK	24,7956	35,389	0,513219	-1,04549	0,295799	0,570734	no
AN0926	ChrVIII_A_nidulans_FGSC_A4:2053676-2056857	WT_5hasex	WT_veg	OK	15,2928	42,3984	1,47115	-2,94963	0,0031815	0,0205291	yes
AN0927	ChrVIII_A_nidulans_FGSC_A4:2051933-2053007	WT_5hasex	WT_veg	OK	74,5585	104,567	0,487987	-0,997078	0,318726	0,549766	no
AN0928	ChrVIII_A_nidulans_FGSC_A4:2048836-2050659	WT_5hasex	WT_veg	OK	21,584	10,0685	-1,10012	2,07305	0,0381677	0,145671	no
AN0929	ChrVIII_A_nidulans_FGSC_A4:2039125-2042051	WT_5hasex	WT_veg	OK	76,1217	174,37	1,19577	-2,47111	0,0134695	0,0658274	no
AN0930	ChrVIII_A_nidulans_FGSC_A4:2035850-2037872	WT_5hasex	WT_veg	OK	110,838	715,684	2,69087	-5,14166	2,7232E-07	5,7472E-06	yes
AN0934	ChrVIII_A_nidulans_FGSC_A4:2022192-2023506	WT_5hasex	WT_veg	OK	11,2443	9,71635	-0,210713	0,312215	0,754877	0,898274	no
AN0935	ChrVIII_A_nidulans_FGSC_A4:2019733-2020577	WT_5hasex	WT_veg	OK	44,8971	28,5534	-0,652959	1,15696	0,247289	0,515451	no
AN0936	ChrVIII_A_nidulans_FGSC_A4:2017683-2019267	WT_5hasex	WT_veg	OK	32,9982	37,002	0,165218	-0,332248	0,739702	0,890709	no
AN0937	ChrVIII_A_nidulans_FGSC_A4:2014392-2017161	WT_5hasex	WT_veg	OK	7,71667	13,2462	0,779527	-1,34898	0,177345	0,422353	no
AN0938	ChrVIII_A_nidulans_FGSC_A4:2011890-2014333	WT_5hasex	WT_veg	OK	15,7668	71,9651	2,19041	-3,95471	7,6628E-05	0,00086971	yes
AN0939	ChrVIII_A_nidulans_FGSC_A4:2010938-2011688	WT_5hasex	WT_veg	OK	18,3579	111,157	2,59813	-4,27583	1,9043E-05	0,00025541	yes
AN0940	ChrVIII_A_nidulans_FGSC_A4:2010377-2010849	WT_5hasex	WT_veg	OK	14,4395	48,7276	1,75472	-2,20056	0,0277669	0,114201	no
AN0944	ChrVIII_A_nidulans_FGSC_A4:1998304-2000533	WT_5hasex	WT_veg	OK	9,63239	38,7354	2,00769	-3,59708	0,00032181	0,00298887	yes
AN0946	ChrVIII_A_nidulans_FGSC_A4:1992044-1994369	WT_5hasex	WT_veg	OK	15,5568	139,771	3,16744	-5,94709	2,7295E-09	8,8291E-08	yes
AN0948	ChrVIII_A_nidulans_FGSC_A4:1982294-1985047	WT_5hasex	WT_veg	OK	12,8694	162,573	3,65907	-6,69066	2,2217E-11	9,9588E-10	yes
AN0949	ChrVIII_A_nidulans_FGSC_A4:1980097-1981141	WT_5hasex	WT_veg	OK	4,80166	11,1118	1,21049	-1,47906	0,139123	0,361087	no
AN0950	ChrVIII_A_nidulans_FGSC_A4:1978777-1979508	WT_5hasex	WT_veg	OK	120,251	18,6545	-2,68845	5,06302	4,1267E-07	8,3299E-06	yes
AN0952	ChrVIII_A_nidulans_FGSC_A4:1962952-1965250	WT_5hasex	WT_veg	OK	100,177	244,38	1,28657	-2,62996	0,00853959	0,0459581	yes
AN0953	ChrVIII_A_nidulans_FGSC_A4:1960238-1962209	WT_5hasex	WT_veg	OK	67,5278	50,609	-0,416088	0,842945	0,399259	0,671623	no
AN0954	ChrVIII_A_nidulans_FGSC_A4:1958105-1959150	WT_5hasex	WT_veg	OK	21,5106	23,3575	0,118841	-0,209518	0,834044	0,93403	no
AN0956	ChrVIII_A_nidulans_FGSC_A4:1953253-1955139	WT_5hasex	WT_veg	OK	7,47898	33,9955	2,18443	-3,62424	0,00028981	0,00273979	yes
AN0958	ChrVIII_A_nidulans_FGSC_A4:1949823-1950423	WT_5hasex	WT_veg	OK	2,77384	4,36657	0,654612	-0,667997	0,504136	0,752446	no
AN0959	ChrVIII_A_nidulans_FGSC_A4:1949299-1949755	WT_5hasex	WT_veg	OK	1,87064	2,43555	0,380714	-0,28546	0,775292	0,90816	no
AN0960	ChrVIII_A_nidulans_FGSC_A4:1946891-1948017	WT_5hasex	WT_veg	OK	11,5904	23,542	1,02231	-1,65105	0,0987291	0,286705	no
AN0963	ChrVIII_A_nidulans_FGSC_A4:1943414-1944806	WT_5hasex	WT_veg	OK	16,6168	12,6997	-0,387849	0,681266	0,495703	0,746583	no
AN0964	ChrVIII_A_nidulans_FGSC_A4:1941664-1942477	WT_5hasex	WT_veg	OK	147,296	451,984	1,61755	-2,60825	0,00910075	0,0483473	yes
AN0965	ChrVIII_A_nidulans_FGSC_A4:1939327-1939693	WT_5hasex	WT_veg	OK	13,441	22,4729	0,741547	-1,01092	0,312056	0,588447	no
AN0966	ChrVIII_A_nidulans_FGSC_A4:1938535-1939306	WT_5hasex	WT_veg	OK	14,7766	28,8185	0,963682	-1,57575	0,115083	0,31842	no
AN0969	ChrVIII_A_nidulans_FGSC_A4:1935822-1936317	WT_5hasex	WT_veg	OK	16,0882	28,889	0,844523	-1,24817	0,211968	0,470867	no
AN0970	ChrVIII_A_nidulans_FGSC_A4:1933362-1934790	WT_5hasex	WT_veg	OK	3,27113	4,84724	0,567373	-0,765613	0,443907	0,707555	no
AN0971	ChrVIII_A_nidulans_FGSC_A4:1929981-1930356	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN0972	ChrVIII_A_nidulans_FGSC_A4:1929397-1929601	WT_5hasex	WT_veg	NOTEST	1,21456	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN0974	ChrVIII_A_nidulans_FGSC_A4:1923863-1923989	WT_5hasex	WT_veg	OK	3,23892	0	-1.79769e+308	-1.79769e+308	0,224063	0,486043	no
AN0975	ChrVIII_A_nidulans_FGSC_A4:1919352-1920885	WT_5hasex	WT_veg	OK	11,7708	17,8548	0,601102	-1,03115	0,302473	0,578262	no
AN0977	ChrVIII_A_nidulans_FGSC_A4:1909097-1910429	WT_5hasex	WT_veg	OK	100,442	166,569	0,729748	-1,48501	0,137542	0,358397	no
AN0978	ChrVIII_A_nidulans_FGSC_A4:1906719-1908523	WT_5hasex	WT_veg	OK	27,0597	41,0073	0,599738	-1,19879	0,23061	0,494472	no
AN0979	ChrVIII_A_nidulans_FGSC_A4:1898899-1901274	WT_5hasex	WT_veg	OK	49,9807	71,0175	0,506802	-1,04734	0,294942	0,569743	no
AN0981	ChrVIII_A_nidulans_FGSC_A4:1891076-1892734	WT_5hasex	WT_veg	OK	99,2306	469,667	2,24278	-4,43358	9,2681E-06	0,0001345	yes
AN0982	ChrVIII_A_nidulans_FGSC_A4:1888899-1890229	WT_5hasex	WT_veg	OK	49,5144	109,247	1,14167	-2,36179	0,0181869	0,0827641	no
AN0983	ChrVIII_A_nidulans_FGSC_A4:1886309-1887376	WT_5hasex	WT_veg	OK	24,457	43,8929	0,843737	-1,56983	0,116455	0,320898	no
AN0984	ChrVIII_A_nidulans_FGSC_A4:1883786-1886076	WT_5hasex	WT_veg	OK	14,9032	20,0567	0,428462	-0,824717	0,409533	0,679533	no

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AN0985	ChrVIII_A_nidulans_FGSC_A4:1881744-1883110	WT_5hasex	WT_veg	OK	8,92016	17,5978	0,980253	-1,54322	0,122778	0,332542	no
AN0986	ChrVIII_A_nidulans_FGSC_A4:1876425-1878726	WT_5hasex	WT_veg	OK	25,303	62,6097	1,30708	-2,52386	0,0116073	0,058609	no
AN0987	ChrVIII_A_nidulans_FGSC_A4:1874962-1875778	WT_5hasex	WT_veg	OK	35,8991	89,1929	1,31298	-2,39386	0,0166722	0,07671	no
AN0988	ChrVIII_A_nidulans_FGSC_A4:1871865-1874363	WT_5hasex	WT_veg	OK	47,3763	224,677	2,24561	-4,63475	3,5736E-06	5,7373E-05	yes
AN0989	ChrVIII_A_nidulans_FGSC_A4:1868244-1870010	WT_5hasex	WT_veg	OK	28,9966	66,0673	1,18805	-2,37657	0,0174743	0,0803521	no
AN0990	ChrVIII_A_nidulans_FGSC_A4:1864384-1867565	WT_5hasex	WT_veg	OK	59,0564	64,8279	0,134523	-0,277037	0,781752	0,910949	no
AN0991	ChrVIII_A_nidulans_FGSC_A4:1862714-1864276	WT_5hasex	WT_veg	OK	39,3013	51,19	0,381285	-0,709223	0,478186	0,733638	no
AN0992	ChrVIII_A_nidulans_FGSC_A4:1860568-1861707	WT_5hasex	WT_veg	OK	18,8669	16,7107	-0,175084	0,305623	0,759892	0,900677	no
AN0993	ChrVIII_A_nidulans_FGSC_A4:1857990-1859988	WT_5hasex	WT_veg	OK	7,92635	18,4081	1,21561	-2,00803	0,0446404	0,163618	no
AN0995	ChrVIII_A_nidulans_FGSC_A4:1849249-1853397	WT_5hasex	WT_veg	OK	8,6295	20,3091	1,23478	-2,38716	0,0169792	0,0786967	no
AN0996	ChrVIII_A_nidulans_FGSC_A4:1847313-1848272	WT_5hasex	WT_veg	OK	34,5448	49,4078	0,516271	-0,966904	0,333592	0,609962	no
AN0997	ChrVIII_A_nidulans_FGSC_A4:1845534-1846989	WT_5hasex	WT_veg	OK	58,1774	158,935	1,44991	-2,9544	0,00313278	0,0202698	yes
AN0998	ChrVIII_A_nidulans_FGSC_A4:1843499-1845385	WT_5hasex	WT_veg	OK	33,0732	76,8313	1,21603	-2,38349	0,0171494	0,0792753	no
AN1000	ChrVIII_A_nidulans_FGSC_A4:1840304-1841120	WT_5hasex	WT_veg	OK	13,1693	45,5413	1,79	-2,8997	0,0037352	0,0234634	yes
AN10000	ChrVIII_A_nidulans_FGSC_A4:4931593-4933939	WT_5hasex	WT_veg	NOTEST	1,23906	2,48607	1,00462	-1,2917	0,196462	1	no
AN10001	ChrVIII_A_nidulans_FGSC_A4:4924672-4930697	WT_5hasex	WT_veg	NOTEST	0,761857	1,38422	0,861484	-1,1723	0,241077	1	no
AN10003	ChrVIII_A_nidulans_FGSC_A4:4759700-4762130	WT_5hasex	WT_veg	OK	67,9267	132,216	0,960849	-1,98976	0,0466171	0,169029	no
AN10004	ChrVIII_A_nidulans_FGSC_A4:4906762-4907086	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10005	ChrVIII_A_nidulans_FGSC_A4:4833317-4834255	WT_5hasex	WT_veg	OK	11,0995	13,9337	0,32809	-0,500877	0,616457	0,822546	no
AN10006	ChrVIII_A_nidulans_FGSC_A4:4774729-4775526	WT_5hasex	WT_veg	OK	43,1699	50,3004	0,220544	-0,418793	0,675368	0,856562	no
AN10007	ChrVIII_A_nidulans_FGSC_A4:4758618-4759266	WT_5hasex	WT_veg	OK	275,359	220,95	-0,317594	0,651155	0,514946	0,759584	no
AN10008	ChrVIII_A_nidulans_FGSC_A4:4796917-4799954	WT_5hasex	WT_veg	OK	32,9542	43,1934	0,39035	-0,795187	0,426505	0,693628	no
AN10009	ChrVIII_A_nidulans_FGSC_A4:4887446-4887711	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1001	ChrVIII_A_nidulans_FGSC_A4:1836787-1838997	WT_5hasex	WT_veg	OK	225,515	109,959	-1,03626	2,01741	0,0436531	0,160832	no
AN10010	ChrVIII_A_nidulans_FGSC_A4:4720105-4722760	WT_5hasex	WT_veg	OK	48,9568	83,1349	0,763945	-1,59347	0,111055	0,311221	no
AN10011	ChrVIII_A_nidulans_FGSC_A4:4678359-4679900	WT_5hasex	WT_veg	OK	10,5961	31,3676	1,56575	-2,54736	0,0108541	0,0555936	no
AN10012	ChrVIII_A_nidulans_FGSC_A4:4722872-4724255	WT_5hasex	WT_veg	OK	74,2467	154,694	1,05902	-2,19939	0,0278501	0,114472	no
AN10013	ChrVIII_A_nidulans_FGSC_A4:4676318-4677833	WT_5hasex	WT_veg	OK	14,288	38,381	1,42559	-2,54682	0,010871	0,0556312	no
AN10014	ChrVIII_A_nidulans_FGSC_A4:4730247-4730955	WT_5hasex	WT_veg	OK	14,6057	68,3149	2,22567	-3,46063	0,00053892	0,00463794	yes
AN10016	ChrVIII_A_nidulans_FGSC_A4:4519200-4521295	WT_5hasex	WT_veg	OK	11,3718	15,9785	0,490679	-0,854976	0,392564	0,665863	no
AN10017	ChrVIII_A_nidulans_FGSC_A4:4562703-4566212	WT_5hasex	WT_veg	OK	19,4047	26,2143	0,433948	-0,87902	0,37939	0,654002	no
AN10018	ChrVIII_A_nidulans_FGSC_A4:4560910-4562108	WT_5hasex	WT_veg	OK	22,1274	22,2307	0,00671713	-0,0119989	0,990427	0,996488	no
AN10019	ChrVIII_A_nidulans_FGSC_A4:4557093-4560757	WT_5hasex	WT_veg	OK	34,6593	91,6505	1,4029	-2,96119	0,00306452	0,0198894	yes
AN1002	ChrVIII_A_nidulans_FGSC_A4:1833042-1836213	WT_5hasex	WT_veg	OK	25,1175	32,1374	0,355558	-0,730919	0,464829	0,723905	no
AN10020	ChrVIII_A_nidulans_FGSC_A4:4521697-4524783	WT_5hasex	WT_veg	OK	97,5419	131,803	0,434289	-0,875488	0,381308	0,655619	no
AN10024	ChrVIII_A_nidulans_FGSC_A4:4425847-4427318	WT_5hasex	WT_veg	OK	2,96134	14,261	2,26776	-3,21585	0,0013006	0,00975583	yes
AN10025	ChrVIII_A_nidulans_FGSC_A4:4369686-4370756	WT_5hasex	WT_veg	OK	6,24255	49,5521	2,98874	-4,54851	5,4028E-06	8,2928E-05	yes
AN10026	ChrVIII_A_nidulans_FGSC_A4:4335850-4336983	WT_5hasex	WT_veg	OK	2,98365	6,91301	1,21223	-1,49826	0,134064	0,352691	no
AN10029	ChrVIII_A_nidulans_FGSC_A4:4193862-4196902	WT_5hasex	WT_veg	OK	29,4213	42,5255	0,531465	-1,09354	0,274159	0,546898	no
AN1003	ChrVIII_A_nidulans_FGSC_A4:1830960-1832716	WT_5hasex	WT_veg	OK	339,227	613,25	0,854222	-1,64133	0,10073	0,290968	no
AN10030	ChrVIII_A_nidulans_FGSC_A4:4185367-4187193	WT_5hasex	WT_veg	OK	1545,81	1654,04	0,0976292	-0,150521	0,880354	0,954594	no
AN10031	ChrVIII_A_nidulans_FGSC_A4:4093005-4094318	WT_5hasex	WT_veg	OK	193,852	675,843	1,80173	-3,63004	0,00028338	0,00268835	yes
AN10032	ChrVIII_A_nidulans_FGSC_A4:4070455-4071442	WT_5hasex	WT_veg	OK	478,217	754,457	0,657775	-1,3203	0,186736	0,435951	no
AN10033	ChrVIII_A_nidulans_FGSC_A4:4368101-4369374	WT_5hasex	WT_veg	OK	191,541	320,596	0,743102	-1,53077	0,125826	0,337782	no
AN10034	ChrVIII_A_nidulans_FGSC_A4:4312450-4313104	WT_5hasex	WT_veg	OK	76,3736	485,23	2,66752	-5,31762	1,0514E-07	2,4345E-06	yes
AN10036	ChrVIII_A_nidulans_FGSC_A4:4427874-4429767	WT_5hasex	WT_veg	OK	9,49055	10,6382	0,16469	-0,268812	0,788074	0,913502	no
AN10037	ChrVIII_A_nidulans_FGSC_A4:4430502-4431056	WT_5hasex	WT_veg	OK	125,019	296,576	1,24626	-2,47907	0,0131724	0,0647281	no
AN10039	ChrVIII_A_nidulans_FGSC_A4:4460858-4462628	WT_5hasex	WT_veg	OK	3,54792	88,0903	4,63394	-6,84799	7,4893E-12	3,661E-10	yes
AN1004	ChrVIII_A_nidulans_FGSC_A4:1829733-1830764	WT_5hasex	WT_veg	OK	21,1711	34,6859	0,712255	-1,23932	0,215228	0,47502	no
AN10040	ChrVIII_A_nidulans_FGSC_A4:4187882-4188837	WT_5hasex	WT_veg	OK	12,2805	0,206453	-5,89441	1,9787	0,0478492	0,172346	no
AN10041	ChrVIII_A_nidulans_FGSC_A4:4244422-4245590	WT_5hasex	WT_veg	NOTEST	0,446419	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN10042	ChrVIII_A_nidulans_FGSC_A4:4254326-4255150	WT_5hasex	WT_veg	OK	11,523	6,8514	-0,750041	0,912756	0,361371	0,635967	no
AN10043	ChrVIII_A_nidulans_FGSC_A4:4338031-4340285	WT_5hasex	WT_veg	OK	33,5861	16,6952	-1,00843	1,97129	0,0486904	0,174392	no

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AN10045	ChrVIII_A_nidulans_FGSC_A4:4214999-4215743	WT_5hasex	WT_veg	OK	4,06767	4,29682	0,0790675	-0,0907117	0,927722	0,972581	no
AN10047	ChrVIII_A_nidulans_FGSC_A4:4071742-4073355	WT_5hasex	WT_veg	OK	0,554272	6,31193	3,50941	-4,12339	3,7334E-05	0,00046458	yes
AN10048	ChrVIII_A_nidulans_FGSC_A4:4197242-4198244	WT_5hasex	WT_veg	NOTEST	1,18739	3,5958	1,59852	-1,66911	0,0950957	1	no
AN10050	ChrVIII_A_nidulans_FGSC_A4:4038250-4039020	WT_5hasex	WT_veg	OK	313,522	573,642	0,871582	-1,79361	0,0728759	0,231866	no
AN10051	ChrVIII_A_nidulans_FGSC_A4:4037420-4037774	WT_5hasex	WT_veg	OK	21,3672	23,2468	0,121635	-0,15806	0,874409	0,951982	no
AN10052	ChrVIII_A_nidulans_FGSC_A4:3952397-3953507	WT_5hasex	WT_veg	OK	24,4204	182,424	2,90114	-5,31874	1,0449E-07	2,4238E-06	yes
AN10053	ChrVIII_A_nidulans_FGSC_A4:3916538-3917591	WT_5hasex	WT_veg	OK	27,1001	21,11	-0,360372	0,598883	0,549251	0,781627	no
AN10054	ChrVIII_A_nidulans_FGSC_A4:3844558-3846011	WT_5hasex	WT_veg	OK	39,1131	57,0894	0,545573	-1,07656	0,281678	0,555429	no
AN10055	ChrVIII_A_nidulans_FGSC_A4:3842920-3844204	WT_5hasex	WT_veg	OK	49,463	256,896	2,37676	-4,68424	2,81E-06	4,6363E-05	yes
AN10056	ChrVIII_A_nidulans_FGSC_A4:3819540-3822235	WT_5hasex	WT_veg	OK	30,9204	59,3303	0,940211	-1,95075	0,0510872	0,180396	no
AN10057	ChrVIII_A_nidulans_FGSC_A4:3797354-3801144	WT_5hasex	WT_veg	OK	7,94006	50,7963	2,6775	-4,1641	3,1258E-05	0,00039757	yes
AN10058	ChrVIII_A_nidulans_FGSC_A4:3789789-3791467	WT_5hasex	WT_veg	OK	15,159	61,2308	2,01408	-3,64096	0,00027162	0,00259354	yes
AN10059	ChrVIII_A_nidulans_FGSC_A4:3755093-3757404	WT_5hasex	WT_veg	OK	26,119	26,8005	0,0371609	-0,0638638	0,949079	0,98123	no
AN10060	ChrVIII_A_nidulans_FGSC_A4:3822671-3827536	WT_5hasex	WT_veg	OK	81,6633	354,297	2,1172	-3,37195	0,00074638	0,00611502	yes
AN10061	ChrVIII_A_nidulans_FGSC_A4:3801704-3804446	WT_5hasex	WT_veg	OK	18,6988	38,5454	1,04362	-2,09106	0,036523	0,141006	no
AN10062	ChrVIII_A_nidulans_FGSC_A4:3747387-3749146	WT_5hasex	WT_veg	OK	4,24831	3,48365	-0,286292	0,384406	0,700678	0,86976	no
AN10063	ChrVIII_A_nidulans_FGSC_A4:4000382-4003298	WT_5hasex	WT_veg	OK	6,54953	6,46413	-0,0189359	0,03322	0,973499	0,990607	no
AN10064	ChrVIII_A_nidulans_FGSC_A4:3953948-3955347	WT_5hasex	WT_veg	OK	43,9709	95,038	1,11196	-2,23462	0,0254422	0,106889	no
AN10065	ChrVIII_A_nidulans_FGSC_A4:3955872-3957472	WT_5hasex	WT_veg	OK	3,33063	3,2588	-0,031451	0,0386694	0,969154	0,988797	no
AN10066	ChrVIII_A_nidulans_FGSC_A4:3846215-3847310	WT_5hasex	WT_veg	OK	23,3108	57,3741	1,2994	-2,38225	0,0172072	0,0794654	no
AN10067	ChrVIII_A_nidulans_FGSC_A4:3760350-3761306	WT_5hasex	WT_veg	OK	102,626	173,967	0,761425	-1,57665	0,114877	0,31807	no
AN10068	ChrVIII_A_nidulans_FGSC_A4:3792159-3794565	WT_5hasex	WT_veg	OK	13,7312	39,0247	1,50692	-2,90449	0,00367851	0,0231935	yes
AN10069	ChrVIII_A_nidulans_FGSC_A4:3753300-3754656	WT_5hasex	WT_veg	NOTEST	0,326553	2,54985	2,96503	-2,25148	0,0243551	1	no
AN10070	ChrVIII_A_nidulans_FGSC_A4:3743883-3744615	WT_5hasex	WT_veg	OK	14,6854	30,2309	1,04165	-1,64021	0,100961	0,291429	no
AN10071	ChrVIII_A_nidulans_FGSC_A4:3918176-3920205	WT_5hasex	WT_veg	OK	38,2019	43,9791	0,203173	-0,393179	0,694188	0,866119	no
AN10072	ChrVIII_A_nidulans_FGSC_A4:3921041-3922942	WT_5hasex	WT_veg	OK	20,3707	30,984	0,605031	-1,18114	0,237547	0,502992	no
AN10073	ChrVIII_A_nidulans_FGSC_A4:3841289-3842706	WT_5hasex	WT_veg	OK	48,6767	73,2417	0,589433	-1,20205	0,229345	0,492507	no
AN10074	ChrVIII_A_nidulans_FGSC_A4:3761583-3763346	WT_5hasex	WT_veg	OK	5,13504	7,5712	0,560148	-0,840916	0,400395	0,672484	no
AN10075	ChrVIII_A_nidulans_FGSC_A4:3744795-3746875	WT_5hasex	WT_veg	OK	16,918	37,3328	1,14188	-2,01442	0,0439656	0,161699	no
AN10076	ChrVIII_A_nidulans_FGSC_A4:3619016-3621015	WT_5hasex	WT_veg	OK	18,8327	30,2064	0,681617	-1,29402	0,195658	0,448331	no
AN10077	ChrVIII_A_nidulans_FGSC_A4:3590460-3592550	WT_5hasex	WT_veg	OK	40,6221	50,1948	0,305275	-0,632511	0,527053	0,767675	no
AN10078	ChrVIII_A_nidulans_FGSC_A4:3586321-3588833	WT_5hasex	WT_veg	OK	22,951	26,7841	0,22282	-0,413157	0,679491	0,85826	no
AN10080	ChrVIII_A_nidulans_FGSC_A4:3501638-3503199	WT_5hasex	WT_veg	OK	187,96	134,29	-0,485074	0,959967	0,337072	0,61303	no
AN10082	ChrVIII_A_nidulans_FGSC_A4:3388277-3390643	WT_5hasex	WT_veg	OK	5,82139	8,27154	0,506794	-0,775444	0,438077	0,702774	no
AN10083	ChrVIII_A_nidulans_FGSC_A4:3373218-3375068	WT_5hasex	WT_veg	OK	5,841	17,2577	1,56295	-2,4484	0,0143492	0,0691362	no
AN10084	ChrVIII_A_nidulans_FGSC_A4:3349008-3351036	WT_5hasex	WT_veg	OK	3,13785	5,55527	0,824083	-1,17229	0,241082	0,507274	no
AN10085	ChrVIII_A_nidulans_FGSC_A4:3310571-3311851	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10086	ChrVIII_A_nidulans_FGSC_A4:3183884-3185764	WT_5hasex	WT_veg	NOTEST	1,59305	2,9445	0,886227	-1,10954	0,267198	1	no
AN10087	ChrVIII_A_nidulans_FGSC_A4:3617086-3618479	WT_5hasex	WT_veg	OK	105,509	198,83	0,914171	-1,89648	0,0578971	0,196918	no
AN10088	ChrVIII_A_nidulans_FGSC_A4:3593559-3595047	WT_5hasex	WT_veg	OK	96,3656	138,838	0,526811	-1,06444	0,287129	0,561402	no
AN10089	ChrVIII_A_nidulans_FGSC_A4:3583460-3585998	WT_5hasex	WT_veg	OK	5,75143	7,43863	0,371115	-0,58892	0,555915	0,785909	no
AN1009	ChrVIII_A_nidulans_FGSC_A4:1814430-1814862	WT_5hasex	WT_veg	OK	3,39272	15,0466	2,14893	-2,25592	0,0240754	0,102459	no
AN10090	ChrVIII_A_nidulans_FGSC_A4:3498821-3500229	WT_5hasex	WT_veg	OK	81,0669	173,376	1,09672	-2,0312	0,0422348	0,156953	no
AN10091	ChrVIII_A_nidulans_FGSC_A4:3493225-3493849	WT_5hasex	WT_veg	OK	82,5316	121,325	0,555858	-0,984536	0,324852	0,601515	no
AN10093	ChrVIII_A_nidulans_FGSC_A4:3428061-3429750	WT_5hasex	WT_veg	OK	13,0621	32,8105	1,32878	-2,08175	0,0373657	0,143472	no
AN10095	ChrVIII_A_nidulans_FGSC_A4:3391476-3391837	WT_5hasex	WT_veg	OK	0,731092	9,61727	3,7175	-1,75197	0,0797785	0,247305	no
AN10096	ChrVIII_A_nidulans_FGSC_A4:3351371-3352228	WT_5hasex	WT_veg	OK	44,8945	258,478	2,52543	-4,94957	7,4376E-07	1,4116E-05	yes
AN10098	ChrVIII_A_nidulans_FGSC_A4:3403493-3404492	WT_5hasex	WT_veg	NOTEST	1,25025	2,68972	1,10524	-1,08534	0,277773	1	no
AN10099	ChrVIII_A_nidulans_FGSC_A4:3186276-3187095	WT_5hasex	WT_veg	OK	8,1526	12,8078	0,651686	-0,935025	0,349776	0,625262	no
AN1010	ChrVIII_A_nidulans_FGSC_A4:1812645-1814394	WT_5hasex	WT_veg	OK	24,5781	40,0193	0,703323	-1,36601	0,171937	0,414055	no
AN10100	ChrVIII_A_nidulans_FGSC_A4:3067584-3068358	WT_5hasex	WT_veg	NOTEST	0,359473	2,90011	3,01215	-1,37924	0,16782	1	no
AN10103	ChrVIII_A_nidulans_FGSC_A4:3569135-3570516	WT_5hasex	WT_veg	OK	147,599	458,665	1,63575	-3,37553	0,00073673	0,0060492	yes
AN10104	ChrVIII_A_nidulans_FGSC_A4:3306660-3308379	WT_5hasex	WT_veg	NOTEST	0,106119	0	-1.79769e+308	-1.79769e+308	0,165569	1	no

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AN10105	ChrVIII_A_nidulans_FGSC_A4:2915279-2918945	WT_5hasex	WT_veg	OK	8,07612	8,08408	0,00142129	-0,00258457	0,997938	0,999292	no
AN10108	ChrVIII_A_nidulans_FGSC_A4:2811337-2812133	WT_5hasex	WT_veg	OK	32,4851	96,3573	1,56862	-2,91447	0,00356287	0,0225703	yes
AN10109	ChrVIII_A_nidulans_FGSC_A4:2748859-2749640	WT_5hasex	WT_veg	NOTEST	1,96249	1,65643	-0,244612	0,191757	0,847933	1	no
AN10111	ChrVIII_A_nidulans_FGSC_A4:1811134-1812300	WT_5hasex	WT_veg	OK	43,8004	52,2261	0,253829	-0,484751	0,627853	0,828805	no
AN10110	ChrVIII_A_nidulans_FGSC_A4:2820943-2821831	WT_5hasex	WT_veg	OK	34,5221	66,1554	0,938341	-1,77136	0,0765014	0,24015	no
AN10111	ChrVIII_A_nidulans_FGSC_A4:2812394-2813657	WT_5hasex	WT_veg	OK	30,8084	59,8167	0,957226	-1,86144	0,0626822	0,208415	no
AN10112	ChrVIII_A_nidulans_FGSC_A4:2893844-2898619	WT_5hasex	WT_veg	OK	16,0915	25,5074	0,664616	-1,37251	0,169904	0,410707	no
AN10113	ChrVIII_A_nidulans_FGSC_A4:2747416-2748450	WT_5hasex	WT_veg	NOTEST	0,242549	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN10115	ChrVIII_A_nidulans_FGSC_A4:2668992-2671133	WT_5hasex	WT_veg	OK	10,3417	19,1671	0,89016	-1,56255	0,118158	0,324358	no
AN10116	ChrVIII_A_nidulans_FGSC_A4:2672253-2674230	WT_5hasex	WT_veg	OK	12,9539	22,6896	0,808645	-1,45576	0,145459	0,371658	no
AN10117	ChrVIII_A_nidulans_FGSC_A4:2696002-2696948	WT_5hasex	WT_veg	OK	18,1846	29,1785	0,682188	-1,10501	0,269156	0,540962	no
AN10118	ChrVIII_A_nidulans_FGSC_A4:2642417-2644376	WT_5hasex	WT_veg	OK	11,6111	8,9271	-0,379247	0,652287	0,514216	0,75887	no
AN10119	ChrVIII_A_nidulans_FGSC_A4:2526766-2528519	WT_5hasex	WT_veg	OK	38,6566	34,1121	-0,18043	0,363985	0,715869	0,87801	no
AN1012	ChrVIII_A_nidulans_FGSC_A4:1810039-1810879	WT_5hasex	WT_veg	OK	10,8694	26,0494	1,26098	-1,85552	0,0635221	0,210317	no
AN10120	ChrVIII_A_nidulans_FGSC_A4:2511398-2513770	WT_5hasex	WT_veg	OK	2,52152	2,24736	-0,166064	0,221467	0,824729	0,930087	no
AN10121	ChrVIII_A_nidulans_FGSC_A4:2525551-2526490	WT_5hasex	WT_veg	OK	26,6391	17,5575	-0,601455	0,995352	0,319565	0,595726	no
AN10122	ChrVIII_A_nidulans_FGSC_A4:2513902-2515001	WT_5hasex	WT_veg	OK	6,15092	15,5765	1,34049	-1,8982	0,0576698	0,196337	no
AN10123	ChrVIII_A_nidulans_FGSC_A4:2640563-2642005	WT_5hasex	WT_veg	OK	9,07144	12,2019	0,427708	-0,622345	0,533715	0,772156	no
AN10124	ChrVIII_A_nidulans_FGSC_A4:2403710-2405414	WT_5hasex	WT_veg	OK	44,3279	123,593	1,47931	-3,00499	0,00265586	0,0176579	yes
AN10125	ChrVIII_A_nidulans_FGSC_A4:2314857-2317630	WT_5hasex	WT_veg	OK	15,6462	106,77	2,77063	-5,49488	3,9098E-08	9,9456E-07	yes
AN10126	ChrVIII_A_nidulans_FGSC_A4:2313666-2314770	WT_5hasex	WT_veg	OK	3,86862	17,3195	2,16251	-2,5437	0,0109685	0,0560044	no
AN10128	ChrVIII_A_nidulans_FGSC_A4:2195654-2199307	WT_5hasex	WT_veg	OK	14,2593	20,1373	0,497966	-0,988317	0,322997	0,599289	no
AN10129	ChrVIII_A_nidulans_FGSC_A4:1994624-1995467	WT_5hasex	WT_veg	OK	58,9137	105,298	0,837805	-1,65198	0,0985395	0,286361	no
AN1013	ChrVIII_A_nidulans_FGSC_A4:1808548-1809777	WT_5hasex	WT_veg	OK	860,863	1591,49	0,886522	-1,55371	0,120254	0,127815	no
AN10130	ChrVIII_A_nidulans_FGSC_A4:1957217-1958045	WT_5hasex	WT_veg	OK	2717,94	4773,65	0,812578	-1,34575	0,178382	0,42369	no
AN10132	ChrVIII_A_nidulans_FGSC_A4:2132226-2134170	WT_5hasex	WT_veg	OK	43,2288	118,856	1,45916	-2,66446	0,00771118	0,0423255	yes
AN10133	ChrVIII_A_nidulans_FGSC_A4:2192402-2194892	WT_5hasex	WT_veg	OK	41,0291	52,6798	0,360602	-0,718878	0,472216	0,729444	no
AN10134	ChrVIII_A_nidulans_FGSC_A4:1995828-1996960	WT_5hasex	WT_veg	OK	37,9315	82,0871	1,11376	-2,14305	0,0321089	0,12789	no
AN10135	ChrVIII_A_nidulans_FGSC_A4:1997179-1998276	WT_5hasex	WT_veg	OK	77,0316	290,156	1,91331	-3,55924	0,00037193	0,00337722	yes
AN10137	ChrVIII_A_nidulans_FGSC_A4:1955377-1957078	WT_5hasex	WT_veg	OK	24,0405	20,9972	-0,19527	0,379292	0,704471	0,871987	no
AN10138	ChrVIII_A_nidulans_FGSC_A4:1856810-1857746	WT_5hasex	WT_veg	OK	9,42229	17,6971	0,909365	-1,37243	0,169931	0,410753	no
AN10139	ChrVIII_A_nidulans_FGSC_A4:1693908-1695101	WT_5hasex	WT_veg	OK	20,0778	26,8839	0,421136	-0,741396	0,458453	0,718899	no
AN1014	ChrVIII_A_nidulans_FGSC_A4:1799694-1802171	WT_5hasex	WT_veg	OK	26,3347	27,8312	0,0797363	-0,14976	0,880954	0,95479	no
AN10140	ChrVIII_A_nidulans_FGSC_A4:1802377-1806396	WT_5hasex	WT_veg	OK	75,2826	116,96	0,635628	-1,238	0,215715	0,475613	no
AN10141	ChrVIII_A_nidulans_FGSC_A4:1854144-1856208	WT_5hasex	WT_veg	NOTEST	0,319649	0,856757	1,42239	-1,18124	0,237506	1	no
AN10142	ChrVIII_A_nidulans_FGSC_A4:1843499-1845385	WT_5hasex	WT_veg	OK	315,828	584,709	0,888583	-1,83931	0,0658693	0,215865	no
AN10144	ChrVIII_A_nidulans_FGSC_A4:1695824-1696406	WT_5hasex	WT_veg	OK	1,45365	7,53197	2,37335	-2,49386	0,0126361	0,0626568	no
AN10145	ChrVIII_A_nidulans_FGSC_A4:1675641-1677361	WT_5hasex	WT_veg	OK	7,75629	11,6761	0,590125	-0,969562	0,332265	0,608661	no
AN10146	ChrVIII_A_nidulans_FGSC_A4:1564332-1565408	WT_5hasex	WT_veg	OK	5,15211	16,6436	1,69173	-2,29268	0,0218667	0,095369	no
AN10149	ChrVIII_A_nidulans_FGSC_A4:1387631-1389455	WT_5hasex	WT_veg	OK	123,162	305,702	1,31157	-2,43179	0,0150244	0,071629	no
AN1015	ChrVIII_A_nidulans_FGSC_A4:1796042-1799541	WT_5hasex	WT_veg	OK	213,141	244,375	0,197291	-0,347152	0,728477	0,885001	no
AN10151	ChrVIII_A_nidulans_FGSC_A4:1275659-1277773	WT_5hasex	WT_veg	OK	8,35236	5,42707	-0,622011	0,894021	0,37131	0,646082	no
AN10152	ChrVIII_A_nidulans_FGSC_A4:1278173-1279717	WT_5hasex	WT_veg	OK	3,61147	2,82518	-0,354247	0,393568	0,6939	0,8659	no
AN10154	ChrVIII_A_nidulans_FGSC_A4:1364770-1365372	WT_5hasex	WT_veg	OK	4,70941	4,3889	-0,101686	0,106274	0,915365	0,967622	no
AN10155	ChrVIII_A_nidulans_FGSC_A4:1389713-1391138	WT_5hasex	WT_veg	OK	11,8865	20,5744	0,791522	-1,3027	0,192678	0,44425	no
AN10156	ChrVIII_A_nidulans_FGSC_A4:1406376-1407938	WT_5hasex	WT_veg	OK	105,596	185,04	0,809277	-1,66616	0,0956814	0,280677	no
AN10157	ChrVIII_A_nidulans_FGSC_A4:1547698-1548968	WT_5hasex	WT_veg	OK	42,7096	33,6119	-0,345586	0,693813	0,487799	0,741146	no
AN10158	ChrVIII_A_nidulans_FGSC_A4:1562932-1564031	WT_5hasex	WT_veg	OK	29,916	55,14	0,882185	-1,66546	0,0958212	0,281002	no
AN10159	ChrVIII_A_nidulans_FGSC_A4:1629939-1630542	WT_5hasex	WT_veg	OK	424,137	988,304	1,22043	-2,43799	0,0147692	0,0706983	no
AN10160	ChrVIII_A_nidulans_FGSC_A4:1674513-1675464	WT_5hasex	WT_veg	OK	11,6975	25,5799	1,12882	-1,67104	0,0947128	0,278712	no
AN10161	ChrVIII_A_nidulans_FGSC_A4:1596025-1596720	WT_5hasex	WT_veg	OK	82,4149	325,776	1,9829	-3,89404	9,8588E-05	0,00108261	yes
AN10163	ChrVIII_A_nidulans_FGSC_A4:1579976-1580644	WT_5hasex	WT_veg	OK	422,73	636,096	0,589508	-1,1853	0,235898	0,50132	no
AN10164	ChrVIII_A_nidulans_FGSC_A4:1549490-1551848	WT_5hasex	WT_veg	OK	41,55	125,293	1,59239	-3,23127	0,0012324	0,00932703	yes

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AN10165	ChrVIII_A_nidulans_FGSC_A4:1511523-1512335	WT_5hasex	WT_veg	OK	4,54547	19,1628	2,07581	-2,49231	0,0126916	0,0628607	no
AN10166	ChrVIII_A_nidulans_FGSC_A4:1512681-1514140	WT_5hasex	WT_veg	OK	114,453	174,986	0,612483	-1,18415	0,236355	0,501741	no
AN10167	ChrVIII_A_nidulans_FGSC_A4:1475077-1477569	WT_5hasex	WT_veg	OK	6,4415	8,978975	0,478975	-0,795565	0,426285	0,693428	no
AN10168	ChrVIII_A_nidulans_FGSC_A4:1113350-1114485	WT_5hasex	WT_veg	OK	123,018	414,436	1,75228	-3,54359	0,00039472	0,00355515	yes
AN10169	ChrVIII_A_nidulans_FGSC_A4:1013031-1013975	WT_5hasex	WT_veg	OK	10,6043	38,0441	1,84302	-2,818	0,00483231	0,0289431	yes
AN10170	ChrVIII_A_nidulans_FGSC_A4:953770-955414	WT_5hasex	WT_veg	OK	215,87	468,097	1,11665	-2,21946	0,0264553	0,110147	no
AN10171	ChrVIII_A_nidulans_FGSC_A4:934940-937443	WT_5hasex	WT_veg	OK	18,9652	23,5139	0,31016	-0,623972	0,532646	0,771533	no
AN10172	ChrVIII_A_nidulans_FGSC_A4:906901-908448	WT_5hasex	WT_veg	OK	240,893	350,616	0,541502	-1,08778	0,276693	0,54988	no
AN10173	ChrVIII_A_nidulans_FGSC_A4:1114703-1116975	WT_5hasex	WT_veg	OK	19,4229	132,576	2,77099	-5,36235	8,2147E-08	1,954E-06	yes
AN10174	ChrVIII_A_nidulans_FGSC_A4:1012072-1012845	WT_5hasex	WT_veg	OK	213,839	945,979	2,14528	-4,44125	8,944E-06	0,0001303	yes
AN10175	ChrVIII_A_nidulans_FGSC_A4:955706-956397	WT_5hasex	WT_veg	OK	118,806	211,206	0,830043	-1,69035	0,0909603	0,270916	no
AN10176	ChrVIII_A_nidulans_FGSC_A4:937673-938129	WT_5hasex	WT_veg	OK	11,5508	23,6482	1,03374	-1,37503	0,169123	0,40931	no
AN10177	ChrVIII_A_nidulans_FGSC_A4:1171341-1172025	WT_5hasex	WT_veg	OK	89,6503	144,977	0,693443	-1,25101	0,210931	0,46951	no
AN10178	ChrVIII_A_nidulans_FGSC_A4:930091-931033	WT_5hasex	WT_veg	OK	155,249	131,878	-0,23538	0,464327	0,642414	0,837407	no
AN10179	ChrVIII_A_nidulans_FGSC_A4:905377-906635	WT_5hasex	WT_veg	OK	18,8125	15,2329	-0,304502	0,537724	0,590767	0,807328	no
AN1018	ChrVIII_A_nidulans_FGSC_A4:1783854-1786969	WT_5hasex	WT_veg	OK	17,343	33,3254	0,942269	-1,86142	0,0626852	0,208415	no
AN10180	ChrVIII_A_nidulans_FGSC_A4:902887-904671	WT_5hasex	WT_veg	OK	3,29399	7,69307	1,22372	-1,67327	0,0942737	0,277776	no
AN10181	ChrVIII_A_nidulans_FGSC_A4:793820-796083	WT_5hasex	WT_veg	OK	144,783	214,954	0,570132	-1,11736	0,263841	0,534805	no
AN10182	ChrVIII_A_nidulans_FGSC_A4:759852-761459	WT_5hasex	WT_veg	OK	150,867	258,21	0,775266	-1,5337	0,125104	0,336518	no
AN10183	ChrVIII_A_nidulans_FGSC_A4:796354-797393	WT_5hasex	WT_veg	OK	8,51526	16,7003	0,971755	-1,48893	0,136505	0,35673	no
AN10184	ChrVIII_A_nidulans_FGSC_A4:674838-677096	WT_5hasex	WT_veg	OK	33,4006	36,5149	0,128611	-0,261628	0,793608	0,916031	no
AN10185	ChrVIII_A_nidulans_FGSC_A4:665010-666686	WT_5hasex	WT_veg	OK	46,7649	154,893	1,72777	-3,58781	0,00033346	0,0030786	yes
AN10186	ChrVIII_A_nidulans_FGSC_A4:648395-650362	WT_5hasex	WT_veg	OK	50,4366	80,096	0,667259	-1,38092	0,167303	0,406514	no
AN10187	ChrVIII_A_nidulans_FGSC_A4:664209-664671	WT_5hasex	WT_veg	OK	23,0319	37,8463	0,716514	-1,09359	0,274135	0,546898	no
AN10188	ChrVIII_A_nidulans_FGSC_A4:650496-653350	WT_5hasex	WT_veg	OK	74,4154	145,467	0,967016	-1,91858	0,055037	0,189882	no
AN10189	ChrVIII_A_nidulans_FGSC_A4:677384-678239	WT_5hasex	WT_veg	OK	41,118	83,1142	1,01533	-1,81832	0,0690146	0,223241	no
AN1019	ChrVIII_A_nidulans_FGSC_A4:1780196-1783448	WT_5hasex	WT_veg	OK	87,536	141,947	0,697406	-1,41019	0,158482	0,393201	no
AN10190	ChrVII_A_nidulans_FGSC_A4:699955-701557	WT_5hasex	WT_veg	OK	46,1147	131,25	1,50902	-3,13419	0,00172329	0,0123349	yes
AN10191	ChrVII_A_nidulans_FGSC_A4:786510-791596	WT_5hasex	WT_veg	OK	16,3815	25,0618	0,613422	-1,25559	0,209264	0,46707	no
AN10192	ChrVII_A_nidulans_FGSC_A4:861113-863568	WT_5hasex	WT_veg	OK	6,45553	5,17486	-0,319017	0,522691	0,601189	0,813855	no
AN10193	ChrVII_A_nidulans_FGSC_A4:896342-897701	WT_5hasex	WT_veg	OK	33,9327	38,3288	0,175754	-0,34993	0,726391	0,88384	no
AN10194	ChrVII_A_nidulans_FGSC_A4:908122-914923	WT_5hasex	WT_veg	OK	23,54	58,7588	1,31969	-2,72707	0,00639002	0,0363888	yes
AN10195	ChrVII_A_nidulans_FGSC_A4:928641-932143	WT_5hasex	WT_veg	OK	94,2608	177,791	0,915452	-1,82826	0,0675101	0,219758	no
AN10196	ChrVII_A_nidulans_FGSC_A4:939517-941248	WT_5hasex	WT_veg	OK	61,558	127,16	1,04663	-2,19252	0,0283421	0,116039	no
AN10197	ChrVII_A_nidulans_FGSC_A4:863758-865169	WT_5hasex	WT_veg	OK	29,8862	122,967	2,04071	-3,80559	0,00014147	0,00147966	yes
AN10198	ChrVII_A_nidulans_FGSC_A4:905273-908029	WT_5hasex	WT_veg	OK	38,4668	79,4382	1,04622	-2,12609	0,0334954	0,132161	no
AN10199	ChrVII_A_nidulans_FGSC_A4:903993-905196	WT_5hasex	WT_veg	OK	11,6064	9,67208	-0,263022	0,413763	0,679048	0,857962	no
AN1020	ChrVIII_A_nidulans_FGSC_A4:1779034-1779568	WT_5hasex	WT_veg	OK	91,6663	338,87	1,88627	-3,51824	0,00043442	0,00385906	yes
AN10200	ChrVII_A_nidulans_FGSC_A4:927321-928443	WT_5hasex	WT_veg	OK	42,6099	310,347	2,86462	-5,5992	2,1535E-08	5,8018E-07	yes
AN10201	ChrVII_A_nidulans_FGSC_A4:936875-939351	WT_5hasex	WT_veg	OK	14,2965	21,2671	0,572967	-1,10316	0,269958	0,542005	no
AN10202	ChrVII_A_nidulans_FGSC_A4:681184-683748	WT_5hasex	WT_veg	OK	474,124	1587,76	1,74366	-2,85608	0,00428906	0,0262741	yes
AN10203	ChrVII_A_nidulans_FGSC_A4:698116-699465	WT_5hasex	WT_veg	OK	15,7769	29,9544	0,924956	-1,64319	0,100343	0,290091	no
AN10204	ChrVII_A_nidulans_FGSC_A4:791781-792689	WT_5hasex	WT_veg	OK	6,71785	17,3801	1,37137	-1,92632	0,0540641	0,187471	no
AN10205	ChrVII_A_nidulans_FGSC_A4:683952-686091	WT_5hasex	WT_veg	OK	47,1188	91,4958	0,957402	-1,88784	0,0590468	0,199984	no
AN10206	ChrVII_A_nidulans_FGSC_A4:686235-686825	WT_5hasex	WT_veg	OK	59,3033	107,161	0,853597	-1,64215	0,100559	0,290668	no
AN10207	ChrVII_A_nidulans_FGSC_A4:898239-900226	WT_5hasex	WT_veg	OK	26,9283	58,962	1,13066	-1,79588	0,0725132	0,231134	no
AN10209	ChrVII_A_nidulans_FGSC_A4:970811-973635	WT_5hasex	WT_veg	OK	15,7948	36,7822	1,21956	-2,25088	0,0243929	0,103424	no
AN1021	ChrVIII_A_nidulans_FGSC_A4:1777377-1778661	WT_5hasex	WT_veg	OK	71,1472	244,185	1,7791	-3,71196	0,00020566	0,00204302	yes
AN10210	ChrVII_A_nidulans_FGSC_A4:1019572-1021666	WT_5hasex	WT_veg	OK	5,81573	22,8606	1,97483	-2,6705	0,00757383	0,0417521	yes
AN10211	ChrVII_A_nidulans_FGSC_A4:969316-970602	WT_5hasex	WT_veg	OK	16,3721	70,7946	2,1124	-3,81519	0,00013608	0,00143565	yes
AN10212	ChrVII_A_nidulans_FGSC_A4:1021883-1023496	WT_5hasex	WT_veg	OK	22,759	32,9906	0,535615	-1,03927	0,298679	0,574089	no
AN10213	ChrVII_A_nidulans_FGSC_A4:1027687-1029364	WT_5hasex	WT_veg	OK	9,64174	47,9361	2,31375	-3,89973	9,6299E-05	0,0010604	yes
AN10214	ChrVII_A_nidulans_FGSC_A4:1041135-1043011	WT_5hasex	WT_veg	OK	12,5097	31,1556	1,31644	-2,3564	0,0184531	0,0837139	no

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AN10216	ChrVII_A_nidulans_FGSC_A4:1159855-1162180	WT_5hasex	WT_veg	OK	73,3416	47,2826	-0,633323	1,30938	0,190406	0,441246	no
AN10217	ChrVII_A_nidulans_FGSC_A4:1203939-1205039	WT_5hasex	WT_veg	OK	97,991	35,8371	-1,4512	2,91976	0,00350303	0,0222777	yes
AN10218	ChrVII_A_nidulans_FGSC_A4:1205543-1207100	WT_5hasex	WT_veg	OK	27,521	78,2813	1,50813	-3,00748	0,0026342	0,0175531	yes
AN10219	ChrVII_A_nidulans_FGSC_A4:1162583-1163411	WT_5hasex	WT_veg	OK	916,624	4416,73	2,26858	-3,84892	0,00011864	0,00127503	yes
AN1022	ChrVIII_A_nidulans_FGSC_A4:1775719-1776961	WT_5hasex	WT_veg	OK	191,064	652,231	1,77133	-3,54302	0,00039557	0,00356226	yes
AN10221	ChrVII_A_nidulans_FGSC_A4:1509068-1511088	WT_5hasex	WT_veg	OK	10,5034	27,7372	1,40096	-2,4926	0,0126812	0,0628371	no
AN10222	ChrVII_A_nidulans_FGSC_A4:1523055-1524301	WT_5hasex	WT_veg	OK	120,312	182,504	0,601148	-1,20788	0,227092	0,489959	no
AN10223	ChrVII_A_nidulans_FGSC_A4:1631475-1632694	WT_5hasex	WT_veg	OK	701,363	609,49	-0,202557	0,380675	0,703444	0,871357	no
AN10224	ChrVII_A_nidulans_FGSC_A4:1417749-1418316	WT_5hasex	WT_veg	OK	8,30172	44,0346	2,40716	-3,38235	0,00071868	0,00592701	yes
AN10225	ChrVII_A_nidulans_FGSC_A4:1511105-1514685	WT_5hasex	WT_veg	OK	35,5015	67,3369	0,923518	-1,90624	0,0566195	0,193755	no
AN10226	ChrVII_A_nidulans_FGSC_A4:1521962-1522927	WT_5hasex	WT_veg	OK	3,56059	4,76803	0,421278	-0,492738	0,622197	0,825469	no
AN10227	ChrVII_A_nidulans_FGSC_A4:1633339-1636619	WT_5hasex	WT_veg	OK	7,60692	16,655	1,13057	-2,10092	0,035648	0,138547	no
AN10228	ChrVII_A_nidulans_FGSC_A4:1726808-1729543	WT_5hasex	WT_veg	OK	18,6619	84,3783	2,17678	-4,41396	1,015E-05	0,00014589	yes
AN10229	ChrVII_A_nidulans_FGSC_A4:1729959-1731076	WT_5hasex	WT_veg	OK	286,458	310,608	0,116776	-0,235164	0,814081	0,925469	no
AN10230	ChrVII_A_nidulans_FGSC_A4:1749295-1750513	WT_5hasex	WT_veg	OK	52,3933	121,761	1,2166	-2,4892	0,0128032	0,0633178	no
AN10231	ChrVII_A_nidulans_FGSC_A4:1723841-1726070	WT_5hasex	WT_veg	OK	8,83121	22,9311	1,37662	-2,42714	0,0152186	0,0722948	no
AN10232	ChrVII_A_nidulans_FGSC_A4:1731347-1732906	WT_5hasex	WT_veg	OK	7,31327	42,006	2,52201	-4,08716	4,367E-05	0,0053255	yes
AN10233	ChrVII_A_nidulans_FGSC_A4:1747453-1748998	WT_5hasex	WT_veg	OK	15,8306	46,9186	1,56744	-2,69601	0,00701763	0,0392045	yes
AN10234	ChrVII_A_nidulans_FGSC_A4:2027418-2028466	WT_5hasex	WT_veg	OK	10,6748	38,1248	1,83652	-2,7346	0,0062456	0,0356983	yes
AN10235	ChrVII_A_nidulans_FGSC_A4:2133076-2135032	WT_5hasex	WT_veg	OK	27,8887	71,1757	1,3517	-2,50129	0,0123741	0,0616315	no
AN10236	ChrVII_A_nidulans_FGSC_A4:2242045-2243505	WT_5hasex	WT_veg	OK	20,8596	48,5788	1,21961	-2,24433	0,0248109	0,104742	no
AN10237	ChrVII_A_nidulans_FGSC_A4:2438326-2439510	WT_5hasex	WT_veg	OK	243,055	885,756	1,86563	-3,72156	0,000198	0,00197554	yes
AN10238	ChrVII_A_nidulans_FGSC_A4:2028743-2029700	WT_5hasex	WT_veg	OK	2,62843	5,26589	1,00248	-1,06771	0,285651	0,559839	no
AN10239	ChrVII_A_nidulans_FGSC_A4:2244337-2246171	WT_5hasex	WT_veg	OK	17,3241	36,4046	1,07134	-2,04611	0,0407456	0,152838	no
AN1024	ChrVIII_A_nidulans_FGSC_A4:1771000-1773782	WT_5hasex	WT_veg	OK	10,0617	35,4532	1,81704	-3,42795	0,00060816	0,00514744	yes
AN10240	ChrVII_A_nidulans_FGSC_A4:2246392-2248098	WT_5hasex	WT_veg	OK	16,9131	29,8755	0,820819	-1,54443	0,122485	0,332049	no
AN10241	ChrVII_A_nidulans_FGSC_A4:2436908-2437910	WT_5hasex	WT_veg	OK	40,8662	95,4086	1,22321	-2,42691	0,0152278	0,0723274	no
AN10242	ChrVII_A_nidulans_FGSC_A4:1971687-1972254	WT_5hasex	WT_veg	OK	67,6848	53,0743	-0,350819	0,636652	0,524351	0,765996	no
AN10243	ChrVII_A_nidulans_FGSC_A4:2074763-2075595	WT_5hasex	WT_veg	OK	44,357	55,4299	0,321502	-0,514932	0,6066	0,817212	no
AN10247	ChrVII_A_nidulans_FGSC_A4:2135674-2138704	WT_5hasex	WT_veg	OK	12,2937	15,41	0,325947	-0,623632	0,532869	0,771684	no
AN10248	ChrVII_A_nidulans_FGSC_A4:2466932-2467877	WT_5hasex	WT_veg	OK	31,9111	122,092	1,93584	-3,64045	0,00027216	0,00259683	yes
AN10249	ChrVII_A_nidulans_FGSC_A4:2483924-2484621	WT_5hasex	WT_veg	OK	29,8607	83,4998	1,48353	-2,60099	0,00929548	0,0491426	yes
AN1025	ChrVIII_A_nidulans_FGSC_A4:1762758-1766255	WT_5hasex	WT_veg	OK	15,8662	28,9668	0,868444	-1,6962	0,0898471	0,268873	no
AN10250	ChrVII_A_nidulans_FGSC_A4:2528651-2530599	WT_5hasex	WT_veg	OK	127,648	318,101	1,31731	-2,45961	0,0139088	0,0674693	yes
AN10251	ChrVII_A_nidulans_FGSC_A4:2511794-2513380	WT_5hasex	WT_veg	OK	20,277	55,0786	1,44165	-2,75782	0,00581875	0,0336679	yes
AN10252	ChrVII_A_nidulans_FGSC_A4:2527012-2527932	WT_5hasex	WT_veg	OK	142,316	143,142	0,00834455	-0,0144854	0,988443	0,995862	no
AN10253	ChrVII_A_nidulans_FGSC_A4:2446422-2446872	WT_5hasex	WT_veg	OK	12,6877	33,1406	1,38516	-1,94543	0,0517232	0,181796	no
AN10254	ChrVII_A_nidulans_FGSC_A4:2465553-2466819	WT_5hasex	WT_veg	OK	5,25491	8,48123	0,690607	-0,975118	0,329502	0,606035	no
AN10255	ChrVII_A_nidulans_FGSC_A4:2481893-2483011	WT_5hasex	WT_veg	OK	58,6098	43,5974	-0,4269	0,861968	0,388705	0,662081	no
AN10256	ChrVII_A_nidulans_FGSC_A4:2620052-2625451	WT_5hasex	WT_veg	OK	6,4157	12,7815	0,994377	-1,90125	0,0572699	0,195381	no
AN10257	ChrVII_A_nidulans_FGSC_A4:2829002-2831424	WT_5hasex	WT_veg	OK	70,6445	92,0827	0,382353	-0,793278	0,427616	0,69441	no
AN10258	ChrVII_A_nidulans_FGSC_A4:2889408-2892165	WT_5hasex	WT_veg	OK	12,7484	16,9677	0,412473	-0,800521	0,423409	0,691286	no
AN1026	ChrVIII_A_nidulans_FGSC_A4:1760493-1761958	WT_5hasex	WT_veg	OK	31,2708	30,3605	-0,0426221	0,0816298	0,934941	0,97535	no
AN10260	ChrVII_A_nidulans_FGSC_A4:2831604-2832568	WT_5hasex	WT_veg	OK	112,096	967,556	3,10961	-6,39612	1,5938E-10	6,3754E-09	yes
AN10261	ChrVII_A_nidulans_FGSC_A4:2888069-2889148	WT_5hasex	WT_veg	OK	121,404	223,733	0,881967	-1,82842	0,0674873	0,219728	no
AN10262	ChrVII_A_nidulans_FGSC_A4:2944635-2946340	WT_5hasex	WT_veg	OK	34,9099	111,891	1,68039	-3,38521	0,00071124	0,00587209	yes
AN10263	ChrVII_A_nidulans_FGSC_A4:2946590-2948984	WT_5hasex	WT_veg	OK	23,381	39,8387	0,768832	-1,52449	0,127385	0,340574	no
AN10264	ChrVII_A_nidulans_FGSC_A4:2847562-2848378	WT_5hasex	WT_veg	OK	107,725	492,87	2,19385	-4,50807	6,5419E-06	9,8423E-05	yes
AN10265	ChrVII_A_nidulans_FGSC_A4:3066459-3068251	WT_5hasex	WT_veg	OK	40,9823	103,842	1,34132	-2,75775	0,00582007	0,03367	yes
AN10266	ChrVII_A_nidulans_FGSC_A4:3104759-3108182	WT_5hasex	WT_veg	OK	108,688	197,545	0,861986	-1,70865	0,0875159	0,264034	no
AN10267	ChrVII_A_nidulans_FGSC_A4:3117233-3119137	WT_5hasex	WT_veg	OK	24,6891	85,1931	1,78686	-3,55756	0,00037432	0,00339609	yes
AN10268	ChrVII_A_nidulans_FGSC_A4:3122878-3124293	WT_5hasex	WT_veg	OK	29,7218	21,8868	-0,441463	0,828521	0,407376	0,677735	no
AN10269	ChrVII_A_nidulans_FGSC_A4:3064916-3066000	WT_5hasex	WT_veg	OK	35,4	73,6064	1,05608	-1,96208	0,0497529	0,176936	no

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AN1027	ChrVIII_A_nidulans_FGSC_A4:1759014-1760208	WT_5hasex	WT_veg	OK	43,6258	73,5735	0,754005	-1,4903	0,136144	0,356053	no
AN10270	ChrVII_A_nidulans_FGSC_A4:3119483-3120523	WT_5hasex	WT_veg	NOTEST	0,940496	0,642263	-0,550256	0,357981	0,720357		1 no
AN10271	ChrVII_A_nidulans_FGSC_A4:3121309-3122304	WT_5hasex	WT_veg	OK	57,7852	102,428	0,825837	-1,64087	0,100825	0,291131	no
AN10272	ChrVII_A_nidulans_FGSC_A4:3128958-3129355	WT_5hasex	WT_veg	OK	30,1027	136,603	2,18203	-3,50307	0,00045993	0,00405402	yes
AN10276	ChrVII_A_nidulans_FGSC_A4:3241466-3242327	WT_5hasex	WT_veg	OK	315,704	582,747	0,884296	-1,8239	0,0681668	0,221304	no
AN10278	ChrVII_A_nidulans_FGSC_A4:3292826-3293946	WT_5hasex	WT_veg	OK	178,469	249,114	0,481138	-0,985209	0,324521	0,601031	no
AN10279	ChrVII_A_nidulans_FGSC_A4:3242676-3243088	WT_5hasex	WT_veg	OK	272,94	507,503	0,894834	-1,856	0,0634535	0,210176	no
AN1028	ChrVIII_A_nidulans_FGSC_A4:1754933-1757524	WT_5hasex	WT_veg	OK	5,77091	9,84422	0,770479	-1,25037	0,211165	0,469732	no
AN10280	ChrVII_A_nidulans_FGSC_A4:3320646-3321254	WT_5hasex	WT_veg	OK	70,125	159,23	1,18311	-2,2924	0,0218823	0,0954144	no
AN10281	ChrVII_A_nidulans_FGSC_A4:3318660-3320308	WT_5hasex	WT_veg	OK	45,9546	82,227	0,839402	-1,70653	0,0879103	0,26478	no
AN10282	ChrVII_A_nidulans_FGSC_A4:3316129-3318082	WT_5hasex	WT_veg	OK	47,5934	80,2914	0,754486	-1,51707	0,12925	0,343927	no
AN10283	ChrVII_A_nidulans_FGSC_A4:3294309-3296387	WT_5hasex	WT_veg	OK	29,3301	41,6757	0,506823	-1,01496	0,310127	0,586523	no
AN10284	ChrVII_A_nidulans_FGSC_A4:3341321-3343085	WT_5hasex	WT_veg	OK	26,0739	26,4017	0,0180236	-0,0329652	0,973702	0,990699	no
AN10285	ChrVII_A_nidulans_FGSC_A4:3514268-3518663	WT_5hasex	WT_veg	OK	308,617	1200,73	1,96002	-2,91694	0,00353487	0,0224363	yes
AN10286	ChrVII_A_nidulans_FGSC_A4:3578829-3580612	WT_5hasex	WT_veg	NOTEST	0,827127	1,92805	1,22096	-1,22889	0,219113		1 no
AN10287	ChrVII_A_nidulans_FGSC_A4:3609228-3611025	WT_5hasex	WT_veg	OK	3,48539	1,31299	-1,40846	1,58614	0,112708	0,314124	no
AN10288	ChrVII_A_nidulans_FGSC_A4:3614200-3615317	WT_5hasex	WT_veg	OK	9,50989	81,1912	3,09382	-4,98812	6,0971E-07	1,1825E-05	yes
AN10289	ChrVII_A_nidulans_FGSC_A4:3627237-3628639	WT_5hasex	WT_veg	NOTEST	0,129692	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN10290	ChrVII_A_nidulans_FGSC_A4:3512825-3514072	WT_5hasex	WT_veg	OK	48,553	58,607	0,271511	-0,553343	0,580028	0,80106	no
AN10292	ChrVII_A_nidulans_FGSC_A4:3574831-3578045	WT_5hasex	WT_veg	OK	19,8172	36,4855	0,880567	-1,78458	0,07433	0,235038	no
AN10293	ChrVII_A_nidulans_FGSC_A4:3611239-3612698	WT_5hasex	WT_veg	OK	12,4287	9,00221	-0,465327	0,781161	0,434708	0,700263	no
AN10294	ChrVII_A_nidulans_FGSC_A4:3615893-3617246	WT_5hasex	WT_veg	OK	3,09003	3,19505	0,0482148	-0,0595552	0,95251	0,982354	no
AN10295	ChrVII_A_nidulans_FGSC_A4:3629380-3630929	WT_5hasex	WT_veg	OK	12,243	20,4311	0,738809	-1,28424	0,199058	0,453109	no
AN10296	ChrVII_A_nidulans_FGSC_A4:3671440-3673028	WT_5hasex	WT_veg	OK	996,369	220,621	-2,17511	3,28146	0,00103271	0,00806979	yes
AN10297	ChrVII_A_nidulans_FGSC_A4:3813028-3816304	WT_5hasex	WT_veg	OK	11,5409	11,7073	0,0206539	-0,0363184	0,971028	0,989419	no
AN10298	ChrVII_A_nidulans_FGSC_A4:3834635-3836415	WT_5hasex	WT_veg	OK	75,0334	59,0248	-0,346212	0,661395	0,508359	0,755161	no
AN10299	ChrVII_A_nidulans_FGSC_A4:3673638-3675345	WT_5hasex	WT_veg	OK	56,9426	32,8342	-0,79431	1,58241	0,113555	0,315778	no
AN1030	ChrVIII_A_nidulans_FGSC_A4:1749412-1750630	WT_5hasex	WT_veg	NOTEST	0,205694	0	-1.79769e+308	-1.79769e+308	0,224063		1 no
AN10300	ChrVII_A_nidulans_FGSC_A4:3810617-3812626	WT_5hasex	WT_veg	OK	1,76245	4,38134	1,31379	-1,70123	0,0888998	0,266867	no
AN10301	ChrVII_A_nidulans_FGSC_A4:3836839-3837973	WT_5hasex	WT_veg	OK	50,9201	99,8046	0,970872	-1,89399	0,0582264	0,197815	no
AN10302	ChrVII_A_nidulans_FGSC_A4:3887614-3891969	WT_5hasex	WT_veg	NOTEST	0,232357	0,139625	-0,734783	0,473505	0,635853		1 no
AN10303	ChrVII_A_nidulans_FGSC_A4:3926125-3927658	WT_5hasex	WT_veg	OK	85,7093	477,76	2,47876	-5,14239	2,7127E-07	5,7296E-06	yes
AN10304	ChrVII_A_nidulans_FGSC_A4:3970866-3972287	WT_5hasex	WT_veg	OK	13,6257	23,8042	0,804889	-1,3959	0,162743	0,399254	no
AN10305	ChrVII_A_nidulans_FGSC_A4:3987685-3988401	WT_5hasex	WT_veg	OK	13,5955	27,3577	1,00881	-1,43028	0,152638	0,383603	no
AN10307	ChrVII_A_nidulans_FGSC_A4:3922973-3925911	WT_5hasex	WT_veg	OK	17,3717	34,7423	0,999956	-1,9816	0,0475238	0,171485	no
AN10308	ChrVII_A_nidulans_FGSC_A4:3973587-3974812	WT_5hasex	WT_veg	OK	28,1415	30,4052	0,11162	-0,207701	0,835462	0,934589	no
AN10309	ChrVII_A_nidulans_FGSC_A4:4018526-4020321	WT_5hasex	WT_veg	OK	21,9899	51,7338	1,23427	-2,37715	0,017447	0,0802546	no
AN10310	ChrVII_A_nidulans_FGSC_A4:4044795-4045109	WT_5hasex	WT_veg	OK	27,3818	66,3414	1,2767	-1,92663	0,0540251	0,187423	no
AN10313	ChrVII_A_nidulans_FGSC_A4:4098938-4099396	WT_5hasex	WT_veg	OK	10,5161	29,5887	1,49245	-1,94225	0,0521063	0,182677	no
AN10315	ChrVII_A_nidulans_FGSC_A4:4190834-4192983	WT_5hasex	WT_veg	OK	46,3589	43,6274	-0,0876112	0,179037	0,857909	0,944754	no
AN10316	ChrVII_A_nidulans_FGSC_A4:4193344-4197753	WT_5hasex	WT_veg	OK	9,88221	28,142	1,50982	-3,04536	0,00232399	0,0158138	yes
AN10317	ChrVII_A_nidulans_FGSC_A4:4230380-4232082	WT_5hasex	WT_veg	OK	50,3105	92,2091	0,874048	-1,7293	0,083755	0,256049	no
AN10318	ChrVII_A_nidulans_FGSC_A4:4262186-4262942	WT_5hasex	WT_veg	OK	98,5361	89,8662	-0,132874	0,230927	0,817371	0,926877	no
AN10319	ChrVII_A_nidulans_FGSC_A4:4334647-4336420	WT_5hasex	WT_veg	OK	9,62107	14,0637	0,547708	-0,884561	0,376393	0,651094	no
AN10320	ChrVII_A_nidulans_FGSC_A4:4337588-4338365	WT_5hasex	WT_veg	OK	2,76986	2,44393	-0,180606	0,162976	0,870537	0,950537	no
AN10321	ChrVII_A_nidulans_FGSC_A4:4419140-4420783	WT_5hasex	WT_veg	OK	3,03343	6,0987	1,00755	-1,31499	0,188513	0,438539	no
AN10322	ChrVII_A_nidulans_FGSC_A4:4232400-4233746	WT_5hasex	WT_veg	OK	3,31875	1,774	-0,90363	0,957312	0,33841	0,614363	no
AN10323	ChrVII_A_nidulans_FGSC_A4:4263046-4264294	WT_5hasex	WT_veg	OK	9,92967	19,014	0,937248	-1,51663	0,129359	0,344131	no
AN10324	ChrVII_A_nidulans_FGSC_A4:4227640-4228588	WT_5hasex	WT_veg	OK	107,887	163,229	0,597372	-1,21554	0,22416	0,486093	no
AN10325	ChrVII_A_nidulans_FGSC_A4:4331814-4334118	WT_5hasex	WT_veg	NOTEST	2,02844	0,441685	-2,19928	1,73065	0,0835146		1 no
AN10326	ChrVII_A_nidulans_FGSC_A4:4339838-4340375	WT_5hasex	WT_veg	NOTEST	0,823182	1,24989	0,602524	-0,334525	0,737983		1 no
AN10327	ChrVII_A_nidulans_FGSC_A4:4421540-4422939	WT_5hasex	WT_veg	OK	52,4517	217,41	2,05136	-4,03371	5,4904E-05	0,00064961	yes
AN10328	ChrVI_A_nidulans_FGSC_A4:3395873-3399926	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no

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AN10329	ChrVI_A_nidulans_FGSC_A4:3344059-3345154	WT_5hasex	WT_veg	OK	13,9297	30,5407	1,13257	-1,91847	0,055052	0,189904	no
AN10331	ChrVI_A_nidulans_FGSC_A4:3285054-3287296	WT_5hasex	WT_veg	OK	2,03562	3,36622	0,725661	-0,970289	0,331903	0,608214	no
AN10332	ChrVI_A_nidulans_FGSC_A4:3287643-3289137	WT_5hasex	WT_veg	OK	2,56936	2,94084	0,194817	-0,223196	0,823383	0,929481	no
AN10333	ChrVI_A_nidulans_FGSC_A4:3133240-3135502	WT_5hasex	WT_veg	NOTEST	0,99855	3,25865	1,70637	-1,94531	0,0517372		1 no
AN10334	ChrVI_A_nidulans_FGSC_A4:3130825-3132740	WT_5hasex	WT_veg	OK	12,6192	23,0217	0,867377	-1,59366	0,111013	0,311152	no
AN10335	ChrVI_A_nidulans_FGSC_A4:2912415-2913822	WT_5hasex	WT_veg	OK	13,8737	22,0538	0,668675	-1,14807	0,250942	0,519592	no
AN10336	ChrVI_A_nidulans_FGSC_A4:2892986-2894515	WT_5hasex	WT_veg	OK	49,1345	164,213	1,74076	-3,60969	0,00030657	0,00287382	yes
AN10337	ChrVI_A_nidulans_FGSC_A4:2862164-2864640	WT_5hasex	WT_veg	OK	257,659	418,561	0,699975	-1,30698	0,191218	0,442218	no
AN10338	ChrVI_A_nidulans_FGSC_A4:2914483-2915925	WT_5hasex	WT_veg	OK	34,9393	68,3189	0,967433	-1,94219	0,0521142	0,18268	no
AN10339	ChrVI_A_nidulans_FGSC_A4:2895071-2896600	WT_5hasex	WT_veg	OK	19,2335	36,8147	0,936661	-1,74576	0,0808531	0,24955	no
AN10340	ChrVI_A_nidulans_FGSC_A4:2864837-2866489	WT_5hasex	WT_veg	OK	42,467	179,884	2,08265	-4,29937	1,7128E-05	0,00023332	yes
AN10341	ChrVI_A_nidulans_FGSC_A4:2960205-2965474	WT_5hasex	WT_veg	OK	10,5388	28,721	1,4464	-2,77507	0,00551901	0,0322165	yes
AN10343	ChrVI_A_nidulans_FGSC_A4:2739606-2741667	WT_5hasex	WT_veg	NOTEST	0,554397	0,950491	0,777754	-0,719118	0,472068		1 no
AN10344	ChrVI_A_nidulans_FGSC_A4:2736700-2738614	WT_5hasex	WT_veg	NOTEST	0,425543	0	-1.79769e+308	-1.79769e+308	0,0908325		1 no
AN10346	ChrVI_A_nidulans_FGSC_A4:2649844-2650680	WT_5hasex	WT_veg	OK	4,03126	2,56461	-0,652493	0,574057	0,565929	0,792746	no
AN10347	ChrVI_A_nidulans_FGSC_A4:2612644-2613848	WT_5hasex	WT_veg	OK	17,5042	43,9196	1,32716	-2,34708	0,0189211	0,0853124	no
AN10348	ChrVI_A_nidulans_FGSC_A4:2561864-2562538	WT_5hasex	WT_veg	OK	43,1833	56,4092	0,385457	-0,707752	0,479099	0,734413	no
AN10349	ChrVI_A_nidulans_FGSC_A4:2357613-2359270	WT_5hasex	WT_veg	OK	32,5986	89,4992	1,45707	-2,94392	0,00324079	0,0208399	yes
AN10350	ChrVI_A_nidulans_FGSC_A4:2303666-2306927	WT_5hasex	WT_veg	OK	125,892	686,285	2,44663	-4,62028	3,8323E-06	6,0946E-05	yes
AN10351	ChrVI_A_nidulans_FGSC_A4:2222964-2224770	WT_5hasex	WT_veg	OK	81,122	106,826	0,397096	-0,805651	0,420444	0,688633	no
AN10352	ChrVI_A_nidulans_FGSC_A4:1946667-1948618	WT_5hasex	WT_veg	OK	99,9624	517,906	2,37323	-4,57379	4,7897E-06	7,4412E-05	yes
AN10354	ChrVI_A_nidulans_FGSC_A4:1743835-1744735	WT_5hasex	WT_veg	OK	86,1821	94,6048	0,134526	-0,267812	0,788844	0,913844	no
AN10355	ChrVI_A_nidulans_FGSC_A4:1736041-1738579	WT_5hasex	WT_veg	OK	31,5601	60,8955	0,948232	-1,88326	0,0596645	0,201444	no
AN10356	ChrVI_A_nidulans_FGSC_A4:1711425-1713182	WT_5hasex	WT_veg	OK	375,941	1484,34	1,98124	-3,35941	0,00078109	0,00636063	yes
AN10357	ChrVI_A_nidulans_FGSC_A4:1672732-1674115	WT_5hasex	WT_veg	OK	79,58	186,931	1,23203	-2,52118	0,0116961	0,0589496	no
AN10358	ChrVI_A_nidulans_FGSC_A4:2678089-2679366	WT_5hasex	WT_veg	OK	0,722725	7,61328	3,397	-3,29985	0,00096737	0,00763567	yes
AN10359	ChrVI_A_nidulans_FGSC_A4:2611021-2612232	WT_5hasex	WT_veg	OK	5,94808	12,2113	1,03773	-1,50829	0,131479	0,347793	no
AN10360	ChrVI_A_nidulans_FGSC_A4:2307402-2308465	WT_5hasex	WT_veg	OK	25,9676	55,5659	1,09749	-1,97942	0,0477687	0,172167	no
AN10361	ChrVI_A_nidulans_FGSC_A4:2308700-2310365	WT_5hasex	WT_veg	OK	97,0111	176,584	0,864134	-1,64428	0,100118	0,289599	no
AN10362	ChrVI_A_nidulans_FGSC_A4:2310645-2311803	WT_5hasex	WT_veg	OK	64,7545	122,252	0,916804	-1,7972	0,0723043	0,230748	no
AN10363	ChrVI_A_nidulans_FGSC_A4:2221512-2222688	WT_5hasex	WT_veg	OK	53,8504	82,0007	0,606678	-1,23889	0,215384	0,475179	no
AN10364	ChrVI_A_nidulans_FGSC_A4:1948895-1949726	WT_5hasex	WT_veg	OK	26,6379	59,31	1,1548	-2,05908	0,039487	0,149444	no
AN10365	ChrVI_A_nidulans_FGSC_A4:1743002-1743614	WT_5hasex	WT_veg	OK	88,3085	142,426	0,689587	-1,36431	0,172471	0,414859	no
AN10366	ChrVI_A_nidulans_FGSC_A4:1710186-1710984	WT_5hasex	WT_veg	NOTEST	1,82836	1,84021	0,00932332	-0,00825714	0,993412		1 no
AN10367	ChrVI_A_nidulans_FGSC_A4:1674870-1678693	WT_5hasex	WT_veg	OK	34,5406	73,3247	1,08601	-2,26393	0,0235785	0,100878	no
AN10368	ChrVI_A_nidulans_FGSC_A4:2644749-2645236	WT_5hasex	WT_veg	OK	44,2032	319,565	2,85389	-4,80347	1,5594E-06	2,7476E-05	yes
AN10369	ChrVI_A_nidulans_FGSC_A4:2135165-2136583	WT_5hasex	WT_veg	NOTEST	0,77323	0,814054	0,0742263	-0,0486258	0,961218		1 no
AN10370	ChrVI_A_nidulans_FGSC_A4:2239730-2241306	WT_5hasex	WT_veg	OK	158,928	640,762	2,01142	-3,89539	9,804E-05	0,00107681	yes
AN10371	ChrVI_A_nidulans_FGSC_A4:2250046-2250525	WT_5hasex	WT_veg	OK	111,159	896,429	3,01156	-5,65509	1,5577E-08	4,3164E-07	yes
AN10372	ChrVI_A_nidulans_FGSC_A4:2650805-2651998	WT_5hasex	WT_veg	OK	3,07404	0	-1.79769e+308	-1.79769e+308	0,0138366	0,0672042	no
AN10373	ChrVI_A_nidulans_FGSC_A4:2559629-2561523	WT_5hasex	WT_veg	OK	63,3894	86,9876	0,456568	-0,947014	0,343632	0,61901	no
AN10374	ChrVI_A_nidulans_FGSC_A4:2356975-2357350	WT_5hasex	WT_veg	OK	105,828	325,889	1,62266	-3,03406	0,00241285	0,0163315	yes
AN10375	ChrVI_A_nidulans_FGSC_A4:1806348-1807857	WT_5hasex	WT_veg	OK	3,42045	6,44068	0,913027	-1,25086	0,210987	0,469556	no
AN10377	ChrVI_A_nidulans_FGSC_A4:1739018-1740690	WT_5hasex	WT_veg	OK	64,4539	392,825	2,60755	-5,41232	6,2214E-08	1,5227E-06	yes
AN10378	ChrVI_A_nidulans_FGSC_A4:1536416-1538238	WT_5hasex	WT_veg	OK	128,558	230,828	0,844396	-1,68598	0,0917988	0,27267	no
AN10379	ChrVI_A_nidulans_FGSC_A4:1524782-1526142	WT_5hasex	WT_veg	OK	35,8139	109,589	1,61352	-3,14105	0,00168341	0,0120924	yes
AN1038	ChrVIII_A_nidulans_FGSC_A4:1712076-1716591	WT_5hasex	WT_veg	OK	31,669	40,6031	0,35852	-0,738474	0,460226	0,720367	no
AN10381	ChrVI_A_nidulans_FGSC_A4:1526199-1527621	WT_5hasex	WT_veg	OK	16,0368	4,08821	-1,97184	3,08953	0,00200477	0,0139941	yes
AN10382	ChrVI_A_nidulans_FGSC_A4:1585705-1587419	WT_5hasex	WT_veg	OK	24,7911	54,6327	1,13994	-2,27483	0,0229163	0,0987226	no
AN10383	ChrVI_A_nidulans_FGSC_A4:1503886-1506040	WT_5hasex	WT_veg	OK	5,29428	5,91633	0,160268	-0,176242	0,860104	0,94586	no
AN10384	ChrVI_A_nidulans_FGSC_A4:1506181-1508300	WT_5hasex	WT_veg	NOTEST	1,70698	1,52694	-0,160797	0,166612	0,867675		1 no
AN10385	ChrVI_A_nidulans_FGSC_A4:1472128-1473430	WT_5hasex	WT_veg	NOTEST	0,858068	0,822602	-0,0608985	0,0483079	0,961471		1 no
AN10386	ChrVI_A_nidulans_FGSC_A4:1468832-1471226	WT_5hasex	WT_veg	NOTEST	0,56483	0,771166	0,449224	-0,39158	0,695369		1 no

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AN10387	ChrVI_A_nidulans_FGSC_A4:1284412-1286023	WT_5hasex	WT_veg	OK	2,38898	0,628173	-1,92716	1,3516	0,176504	0,42115	no
AN10388	ChrVI_A_nidulans_FGSC_A4:1281543-1282959	WT_5hasex	WT_veg	NOTEST	0,780983	1,72526	1,14345	-1,13267	0,257351		1 no
AN1039	ChrVIII_A_nidulans_FGSC_A4:1707150-1711498	WT_5hasex	WT_veg	OK	19,1967	54,8743	1,51527	-3,09696	0,00195517	0,01371	yes
AN10390	ChrVI_A_nidulans_FGSC_A4:1220220-1222311	WT_5hasex	WT_veg	NOTEST	1,35866	1,51267	0,154913	-0,151649	0,879464		1 no
AN10391	ChrVI_A_nidulans_FGSC_A4:1125597-1127513	WT_5hasex	WT_veg	OK	5,39487	30,1176	2,48095	-3,64862	0,00026365	0,00253087	yes
AN10392	ChrVI_A_nidulans_FGSC_A4:1004510-1006054	WT_5hasex	WT_veg	OK	32,6215	66,3037	1,02327	-1,84641	0,0648332	0,213592	no
AN10393	ChrVI_A_nidulans_FGSC_A4:959574-962577	WT_5hasex	WT_veg	OK	20,1408	26,8763	0,416217	-0,838376	0,401819	0,673327	no
AN10394	ChrVI_A_nidulans_FGSC_A4:951180-951603	WT_5hasex	WT_veg	OK	12,1564	12,3245	0,0198119	-0,0230035	0,981647	0,993423	no
AN10395	ChrVI_A_nidulans_FGSC_A4:949750-950962	WT_5hasex	WT_veg	OK	88,0058	62,6741	-0,48973	0,983467	0,325377	0,602052	no
AN10396	ChrVI_A_nidulans_FGSC_A4:918676-920629	WT_5hasex	WT_veg	OK	124,922	238,499	0,93295	-1,86632	0,0619965	0,206729	no
AN10397	ChrVI_A_nidulans_FGSC_A4:1123911-1125003	WT_5hasex	WT_veg	OK	4,10829	21,3119	2,37505	-3,03284	0,00242264	0,0163872	yes
AN10398	ChrVI_A_nidulans_FGSC_A4:1119809-1121372	WT_5hasex	WT_veg	OK	6,46688	53,9789	3,06125	-4,22577	2,3813E-05	0,00031118	yes
AN10399	ChrVI_A_nidulans_FGSC_A4:1002818-1004140	WT_5hasex	WT_veg	OK	186,66	713,681	1,93487	-3,4908	0,00048159	0,00421232	yes
AN1040	ChrVIII_A_nidulans_FGSC_A4:1703760-1704601	WT_5hasex	WT_veg	OK	5,75508	20,5889	1,83896	-2,35219	0,0186633	0,0843971	no
AN10400	ChrVI_A_nidulans_FGSC_A4:947111-949463	WT_5hasex	WT_veg	OK	58,687	71,3305	0,281478	-0,582639	0,560136	0,789075	no
AN10401	ChrVI_A_nidulans_FGSC_A4:917549-918210	WT_5hasex	WT_veg	OK	10,9897	10,7653	-0,0297607	0,0396789	0,968349	0,988483	no
AN10402	ChrVI_A_nidulans_FGSC_A4:1259125-1260820	WT_5hasex	WT_veg	OK	2,58085	2,01945	-0,353885	0,397451	0,691035	0,864193	no
AN10403	ChrVI_A_nidulans_FGSC_A4:1219443-1220043	WT_5hasex	WT_veg	OK	11,5975	15,4819	0,416777	-0,595413	0,551568	0,783066	no
AN10404	ChrVI_A_nidulans_FGSC_A4:957648-959247	WT_5hasex	WT_veg	OK	34,4622	21,4618	-0,683245	1,36903	0,170991	0,412459	no
AN10405	ChrVI_A_nidulans_FGSC_A4:951915-953016	WT_5hasex	WT_veg	OK	93,2779	74,2234	-0,32966	0,682125	0,49516	0,746256	no
AN10406	ChrVI_A_nidulans_FGSC_A4:759691-760909	WT_5hasex	WT_veg	OK	20,2671	31,2997	0,627007	-1,14616	0,251729	0,52042	no
AN10407	ChrVI_A_nidulans_FGSC_A4:749505-752418	WT_5hasex	WT_veg	OK	192,273	310,96	0,693569	-1,29992	0,19363	0,445434	no
AN10408	ChrVI_A_nidulans_FGSC_A4:757929-759166	WT_5hasex	WT_veg	OK	24,7327	66,8754	1,43505	-2,70324	0,00686679	0,0385485	yes
AN10409	ChrVI_A_nidulans_FGSC_A4:753603-755951	WT_5hasex	WT_veg	OK	29,1346	100,345	1,78416	-3,70001	0,00021559	0,00212353	yes
AN1041	ChrVIII_A_nidulans_FGSC_A4:1699971-1701475	WT_5hasex	WT_veg	OK	45,1518	31,4696	-0,520823	1,04422	0,296384	0,571501	no
AN10410	ChrVI_A_nidulans_FGSC_A4:712878-714337	WT_5hasex	WT_veg	OK	3,67356	15,4964	2,07668	-2,95866	0,00308977	0,0200334	yes
AN10411	ChrVI_A_nidulans_FGSC_A4:714556-715828	WT_5hasex	WT_veg	OK	51,8335	88,1013	0,765277	-1,54609	0,122082	0,331489	no
AN10413	ChrVI_A_nidulans_FGSC_A4:700220-705686	WT_5hasex	WT_veg	OK	13,8836	21,2876	0,616631	-1,24339	0,213723	0,473033	no
AN10414	ChrVI_A_nidulans_FGSC_A4:693741-696717	WT_5hasex	WT_veg	OK	8,76083	16,4853	0,912037	-1,64587	0,0997911	0,288861	no
AN10415	ChrVI_A_nidulans_FGSC_A4:647567-651942	WT_5hasex	WT_veg	OK	44,0538	87,9162	0,996863	-2,02717	0,0426446	0,158027	no
AN10416	ChrVI_A_nidulans_FGSC_A4:696949-698148	WT_5hasex	WT_veg	OK	1637,23	2153,56	0,395471	-0,649847	0,515791	0,760231	no
AN10417	ChrVI_A_nidulans_FGSC_A4:645101-646908	WT_5hasex	WT_veg	OK	17,5614	64,2695	1,87173	-3,56204	0,00036799	0,00334665	yes
AN10418	ChrVI_A_nidulans_FGSC_A4:698261-699641	WT_5hasex	WT_veg	OK	35,2288	56,9245	0,692296	-1,35863	0,174265	0,417894	no
AN10419	ChrII_A_nidulans_FGSC_A4:3942212-3943031	WT_5hasex	WT_veg	OK	4,45035	4,12656	-0,108978	0,124789	0,900691	0,961811	no
AN1042	ChrVIII_A_nidulans_FGSC_A4:1698897-1699725	WT_5hasex	WT_veg	NOTEST	0,419541	1,48905	1,82751	-0,803889	0,421461		1 no
AN10421	ChrII_A_nidulans_FGSC_A4:3940539-3941836	WT_5hasex	WT_veg	OK	21,2037	90,5912	2,09506	-3,70151	0,00021432	0,00211419	yes
AN10422	ChrII_A_nidulans_FGSC_A4:3939512-3940018	WT_5hasex	WT_veg	OK	154,399	549,762	1,83214	-3,54228	0,00039668	0,00356856	yes
AN10423	ChrII_A_nidulans_FGSC_A4:3923387-3925066	WT_5hasex	WT_veg	NOTEST	0,768216	1,15181	0,584319	-0,540816	0,588634		1 no
AN10424	ChrII_A_nidulans_FGSC_A4:3881258-3883368	WT_5hasex	WT_veg	OK	16,8056	101,889	2,59998	-4,14296	3,4286E-05	0,00043116	yes
AN10425	ChrII_A_nidulans_FGSC_A4:3830772-3832182	WT_5hasex	WT_veg	OK	11,0536	30,942	1,48505	-2,46945	0,013532	0,066031	no
AN10426	ChrII_A_nidulans_FGSC_A4:3883472-3885170	WT_5hasex	WT_veg	OK	9,86736	56,5632	2,51913	-3,63031	0,00028308	0,00268638	yes
AN10428	ChrII_A_nidulans_FGSC_A4:3728127-3729873	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN10429	ChrII_A_nidulans_FGSC_A4:3639113-3640141	WT_5hasex	WT_veg	OK	75,3713	127,721	0,760908	-1,54507	0,122329	0,331849	no
AN1043	ChrVIII_A_nidulans_FGSC_A4:1696710-1698226	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN10430	ChrII_A_nidulans_FGSC_A4:3614405-3620357	WT_5hasex	WT_veg	NOTEST	0,0394718	0	-1.79769e+308	-1.79769e+308	0,23809		1 no
AN10431	ChrII_A_nidulans_FGSC_A4:3580962-3582128	WT_5hasex	WT_veg	NOTEST	0,223655	0,764328	1,77292	-0,779876	0,435464		1 no
AN10432	ChrII_A_nidulans_FGSC_A4:3576688-3578605	WT_5hasex	WT_veg	OK	1,95643	7,97557	2,02736	-2,56699	0,0102587	0,0531569	no
AN10433	ChrII_A_nidulans_FGSC_A4:3500874-3502266	WT_5hasex	WT_veg	OK	21,3639	46,6416	1,12644	-2,04893	0,0404692	0,152117	no
AN10434	ChrII_A_nidulans_FGSC_A4:3461892-3464661	WT_5hasex	WT_veg	OK	13,8819	24,6102	0,826049	-1,59611	0,110465	0,310147	no
AN10436	ChrII_A_nidulans_FGSC_A4:3389836-3391695	WT_5hasex	WT_veg	OK	42,8561	128,677	1,58619	-3,27399	0,00106042	0,00824207	yes
AN10437	ChrII_A_nidulans_FGSC_A4:3379147-3380445	WT_5hasex	WT_veg	OK	32,9874	46,3448	0,490492	-0,938656	0,347907	0,623603	no
AN10438	ChrII_A_nidulans_FGSC_A4:3323260-3325257	WT_5hasex	WT_veg	OK	10,55	73,1995	2,79459	-5,03123	4,8734E-07	9,6514E-06	yes
AN10439	ChrII_A_nidulans_FGSC_A4:3295835-3297934	WT_5hasex	WT_veg	OK	24,4683	31,6494	0,37126	-0,739917	0,45935	0,719678	no

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AN10440	ChrII_A_nidulans_FGSC_A4:3290276-3291986	WT_5hasex	WT_veg	OK	205,102	331,323	0,691895	-1,40332	0,160521	0,396084	no
AN10441	ChrII_A_nidulans_FGSC_A4:3272278-3274568	WT_5hasex	WT_veg	OK	17,2423	67,3577	1,96589	-3,81308	0,00013725	0,00144416	yes
AN10442	ChrII_A_nidulans_FGSC_A4:3161757-3167587	WT_5hasex	WT_veg	OK	19,3113	28,2107	0,546798	-1,09716	0,272571	0,54511	no
AN10443	ChrII_A_nidulans_FGSC_A4:3117398-3119722	WT_5hasex	WT_veg	OK	15,3173	30,4385	0,990739	-1,93234	0,0533177	0,185676	no
AN10444	ChrII_A_nidulans_FGSC_A4:3114639-3116712	WT_5hasex	WT_veg	OK	58,7505	145,05	1,30388	-2,25561	0,024095	0,102502	no
AN10445	ChrII_A_nidulans_FGSC_A4:3096851-3099236	WT_5hasex	WT_veg	OK	53,5402	103,308	0,948251	-1,86342	0,0624027	0,207739	no
AN10446	ChrII_A_nidulans_FGSC_A4:3637022-3638926	WT_5hasex	WT_veg	OK	72,4928	95,2738	0,394242	-0,816253	0,414356	0,68353	no
AN10447	ChrII_A_nidulans_FGSC_A4:3620971-3623045	WT_5hasex	WT_veg	NOTEST	0,552825	2,46937	2,15925	-2,18458	0,0289194	1	no
AN10449	ChrII_A_nidulans_FGSC_A4:3498937-3500689	WT_5hasex	WT_veg	OK	55,0212	164,482	1,57987	-3,25812	0,00112151	0,00863748	yes
AN1045	ChrVIII_A_nidulans_FGSC_A4:1690400-1692003	WT_5hasex	WT_veg	OK	37,5	91,9149	1,29341	-2,61115	0,00902384	0,0480458	yes
AN10450	ChrII_A_nidulans_FGSC_A4:3496671-3498423	WT_5hasex	WT_veg	OK	8,99906	22,4448	1,31853	-2,21765	0,026579	0,110548	no
AN10451	ChrII_A_nidulans_FGSC_A4:3465706-3466919	WT_5hasex	WT_veg	OK	18,5	85,2515	2,2042	-3,89978	9,6279E-05	0,0010604	yes
AN10452	ChrII_A_nidulans_FGSC_A4:3458466-3459675	WT_5hasex	WT_veg	OK	89,8257	331,873	1,88543	-3,93939	8,1688E-05	0,00091839	yes
AN10453	ChrII_A_nidulans_FGSC_A4:3380723-3382458	WT_5hasex	WT_veg	OK	30,6415	68,4984	1,16058	-2,29189	0,0219122	0,095496	no
AN10454	ChrII_A_nidulans_FGSC_A4:3322033-3323046	WT_5hasex	WT_veg	OK	36,9638	84,6728	1,19578	-2,34165	0,0191985	0,0862589	no
AN10455	ChrII_A_nidulans_FGSC_A4:3289018-3290049	WT_5hasex	WT_veg	OK	26,4682	50,2766	0,925623	-1,71887	0,085638	0,260106	no
AN10456	ChrII_A_nidulans_FGSC_A4:3159268-3161091	WT_5hasex	WT_veg	OK	126,431	332,049	1,39305	-2,86718	0,00414148	0,025514	yes
AN10457	ChrII_A_nidulans_FGSC_A4:3120283-3123257	WT_5hasex	WT_veg	OK	28,8911	34,7791	0,267593	-0,552595	0,580541	0,801346	no
AN10458	ChrII_A_nidulans_FGSC_A4:3412514-3413038	WT_5hasex	WT_veg	OK	4,83948	6,79031	0,488625	-0,545108	0,585679	0,804687	no
AN10459	ChrII_A_nidulans_FGSC_A4:3366127-3368557	WT_5hasex	WT_veg	OK	82,027	189,564	1,20852	-2,43278	0,0149832	0,0714682	no
AN10460	ChrII_A_nidulans_FGSC_A4:3392041-3392670	WT_5hasex	WT_veg	OK	49,0271	122,379	1,3197	-2,4844	0,0129769	0,0639953	no
AN10461	ChrII_A_nidulans_FGSC_A4:3003542-3004417	WT_5hasex	WT_veg	OK	315,986	640,658	1,01969	-2,04729	0,0406297	0,152567	no
AN10462	ChrII_A_nidulans_FGSC_A4:3195698-3197156	WT_5hasex	WT_veg	OK	21,9982	75,7684	1,78421	-3,33039	0,00086726	0,00696702	yes
AN10463	ChrII_A_nidulans_FGSC_A4:3730183-3732292	WT_5hasex	WT_veg	NOTEST	0,083826	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN10464	ChrII_A_nidulans_FGSC_A4:3579554-3580507	WT_5hasex	WT_veg	NOTEST	0,259586	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN10465	ChrII_A_nidulans_FGSC_A4:3298381-3299427	WT_5hasex	WT_veg	OK	20,6595	39,0582	0,918822	-1,55132	0,120825	0,329091	no
AN10466	ChrII_A_nidulans_FGSC_A4:3274853-3276353	WT_5hasex	WT_veg	OK	89,76	255,051	1,50664	-3,14761	0,00164612	0,0118691	yes
AN10467	ChrII_A_nidulans_FGSC_A4:3112470-3113931	WT_5hasex	WT_veg	OK	16,1959	18,0061	0,152859	-0,268107	0,788617	0,913747	no
AN10468	ChrII_A_nidulans_FGSC_A4:3099487-3101271	WT_5hasex	WT_veg	OK	10,8536	45,4495	2,06609	-3,43032	0,00060286	0,00510687	yes
AN10469	ChrII_A_nidulans_FGSC_A4:2878490-2879463	WT_5hasex	WT_veg	OK	153,603	471,47	1,61796	-3,23017	0,00123717	0,009355	yes
AN1047	ChrVIII_A_nidulans_FGSC_A4:16833509-1686471	WT_5hasex	WT_veg	OK	230,004	582,071	1,33954	-2,35644	0,0184513	0,0837129	no
AN10470	ChrII_A_nidulans_FGSC_A4:2859131-2860978	WT_5hasex	WT_veg	OK	22,7479	27,5684	0,277283	-0,538949	0,589922	0,807094	no
AN10471	ChrII_A_nidulans_FGSC_A4:2851139-2853116	WT_5hasex	WT_veg	OK	2,15573	5,38208	1,31999	-1,79941	0,0719539	0,229967	no
AN10472	ChrII_A_nidulans_FGSC_A4:2799168-2801184	WT_5hasex	WT_veg	OK	46,5037	40,9654	-0,182939	0,376674	0,706416	0,873088	no
AN10473	ChrII_A_nidulans_FGSC_A4:2855581-2856542	WT_5hasex	WT_veg	OK	3,05705	13,5239	2,1453	-2,72501	0,00642998	0,0365726	yes
AN10474	ChrII_A_nidulans_FGSC_A4:2801403-2802901	WT_5hasex	WT_veg	OK	76,5	61,194	-0,322069	0,66194	0,50801	0,754862	no
AN10475	ChrII_A_nidulans_FGSC_A4:2803090-2804496	WT_5hasex	WT_veg	OK	133,239	143,936	0,111419	-0,229441	0,818526	0,927368	no
AN10476	ChrII_A_nidulans_FGSC_A4:2945533-2946808	WT_5hasex	WT_veg	OK	116,523	620,155	2,41201	-4,48083	7,4355E-06	0,00011054	yes
AN10477	ChrII_A_nidulans_FGSC_A4:2925981-2926870	WT_5hasex	WT_veg	OK	107,812	184,715	0,776779	-1,5656	0,117442	0,322868	no
AN10478	ChrII_A_nidulans_FGSC_A4:2858073-2858787	WT_5hasex	WT_veg	OK	6,27185	14,4345	1,20256	-1,53045	0,125905	0,337909	no
AN1048	ChrVIII_A_nidulans_FGSC_A4:1680653-1681891	WT_5hasex	WT_veg	OK	28,3433	71,8268	1,34151	-2,42431	0,0153374	0,0727209	no
AN10480	ChrII_A_nidulans_FGSC_A4:2879632-2880862	WT_5hasex	WT_veg	OK	39,2546	43,7407	0,156114	-0,306585	0,759159	0,900278	no
AN10481	ChrII_A_nidulans_FGSC_A4:2739001-2740005	WT_5hasex	WT_veg	OK	6,12542	15,9759	1,38302	-2,02954	0,0424028	0,15741	no
AN10483	ChrII_A_nidulans_FGSC_A4:2736621-2737642	WT_5hasex	WT_veg	OK	75,6575	329,071	2,12084	-4,34073	1,4201E-05	0,00019702	yes
AN10484	ChrII_A_nidulans_FGSC_A4:2716660-2718020	WT_5hasex	WT_veg	OK	17,862	57,5459	1,68782	-3,08286	0,00205019	0,0142751	yes
AN10485	ChrII_A_nidulans_FGSC_A4:2694938-2697287	WT_5hasex	WT_veg	OK	3,23233	8,94481	1,46848	-2,13806	0,032512	0,129136	no
AN10486	ChrII_A_nidulans_FGSC_A4:2673330-2676584	WT_5hasex	WT_veg	OK	3,95773	6,82228	0,785582	-1,26859	0,204588	0,460874	no
AN10487	ChrII_A_nidulans_FGSC_A4:2619580-2621444	WT_5hasex	WT_veg	OK	20,7766	26,3862	0,344824	-0,633779	0,526225	0,767364	no
AN10488	ChrII_A_nidulans_FGSC_A4:2502001-2502767	WT_5hasex	WT_veg	NOTEST	1,09525	0	-1.79769e+308	-1.79769e+308	0,081629	1	no
AN1049	ChrVIII_A_nidulans_FGSC_A4:1679199-1680273	WT_5hasex	WT_veg	OK	106,746	521,805	2,28932	-4,17298	3,0065E-05	0,00038444	yes
AN10491	ChrII_A_nidulans_FGSC_A4:2677115-2679497	WT_5hasex	WT_veg	OK	6,66593	19,7915	1,57	-2,67174	0,00754598	0,0416236	yes
AN10492	ChrII_A_nidulans_FGSC_A4:2621807-2623608	WT_5hasex	WT_veg	OK	7,02569	16,7539	1,25379	-1,99912	0,0455955	0,166138	no
AN10493	ChrII_A_nidulans_FGSC_A4:2500684-2501610	WT_5hasex	WT_veg	NOTEST	0,244144	0	-1.79769e+308	-1.79769e+308	0,224063	1	no

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AN10494	ChrII_A_nidulans_FGSC_A4:2443412-2444451	WT_5hasex	WT_veg	OK	2,81352	9,51482	1,7578	-2,25272	0,0242765	0,10304	no
AN10495	ChrII_A_nidulans_FGSC_A4:2355255-2356899	WT_5hasex	WT_veg	OK	13,2434	28,6045	1,11097	-1,97704	0,0480366	0,172732	no
AN10496	ChrII_A_nidulans_FGSC_A4:2294913-2296370	WT_5hasex	WT_veg	OK	106,122	431,845	2,02479	-4,12312	3,7377E-05	0,00046501	yes
AN10497	ChrII_A_nidulans_FGSC_A4:2248138-2250965	WT_5hasex	WT_veg	OK	18,6591	50,3215	1,4313	-2,84432	0,00445061	0,0271124	yes
AN10498	ChrII_A_nidulans_FGSC_A4:2252073-2255913	WT_5hasex	WT_veg	OK	19,7078	47,5736	1,27139	-2,59968	0,00933103	0,0492808	yes
AN10499	ChrII_A_nidulans_FGSC_A4:2468195-2469256	WT_5hasex	WT_veg	OK	0,811906	13,2683	4,03052	-4,48001	7,4639E-06	0,00011083	yes
AN10500	ChrVIII_A_nidulans_FGSC_A4:1677744-1679175	WT_5hasex	WT_veg	OK	25,0652	27,8087	0,14985	-0,287683	0,773589	0,907227	no
AN10501	ChrII_A_nidulans_FGSC_A4:2494218-2495333	WT_5hasex	WT_veg	OK	2,8118	8,18133	1,54084	-2,00102	0,0453898	0,165635	no
AN10502	ChrII_A_nidulans_FGSC_A4:2332058-2334183	WT_5hasex	WT_veg	OK	18,4586	47,3338	1,35858	-2,6222	0,0087365	0,04683	yes
AN10502	ChrII_A_nidulans_FGSC_A4:2445551-2447952	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	no
AN10504	ChrII_A_nidulans_FGSC_A4:2291568-2294029	WT_5hasex	WT_veg	OK	4,42875	3,18453	-0,475819	0,713118	0,475773	0,732028	no
AN10505	ChrII_A_nidulans_FGSC_A4:2469691-2470984	WT_5hasex	WT_veg	OK	11,5609	8,57466	-0,431101	0,665663	0,505627	0,753515	no
AN10506	ChrII_A_nidulans_FGSC_A4:2005375-2007664	WT_5hasex	WT_veg	OK	12,8324	1,69852	-2,91744	4,19426	2,7377E-05	0,00035326	yes
AN10507	ChrII_A_nidulans_FGSC_A4:2008314-2009054	WT_5hasex	WT_veg	OK	468,037	114,579	-2,03028	3,83389	0,00012614	0,00134426	yes
AN10508	ChrII_A_nidulans_FGSC_A4:1884675-1885515	WT_5hasex	WT_veg	OK	65,1083	243,846	1,90506	-3,81008	0,00013893	0,00145735	yes
AN10509	ChrII_A_nidulans_FGSC_A4:2120977-2121780	WT_5hasex	WT_veg	OK	77,2991	51,0969	-0,597216	1,01684	0,309231	0,585628	no
AN10510	ChrII_A_nidulans_FGSC_A4:1908788-1909770	WT_5hasex	WT_veg	OK	60,3746	291,1	2,2695	-4,56847	4,913E-06	7,6169E-05	yes
AN10511	ChrII_A_nidulans_FGSC_A4:2074586-2075745	WT_5hasex	WT_veg	OK	86,1969	251,676	1,54586	-3,14055	0,00168633	0,0121068	yes
AN10513	ChrII_A_nidulans_FGSC_A4:1839486-1842290	WT_5hasex	WT_veg	OK	15,9285	42,8349	1,42718	-2,8607	0,00422706	0,0259679	yes
AN10514	ChrII_A_nidulans_FGSC_A4:1835731-1836835	WT_5hasex	WT_veg	OK	6,65594	7,27401	0,128108	-0,181692	0,855825	0,943709	no
AN10515	ChrII_A_nidulans_FGSC_A4:1796878-1800205	WT_5hasex	WT_veg	OK	27,8413	44,3025	0,670164	-1,35328	0,175967	0,420322	no
AN10517	ChrII_A_nidulans_FGSC_A4:1757636-1759640	WT_5hasex	WT_veg	OK	5,30359	9,23574	0,800258	-1,19494	0,23211	0,496416	no
AN10518	ChrII_A_nidulans_FGSC_A4:1705528-1706752	WT_5hasex	WT_veg	OK	461,448	2147,9	2,21869	-3,6893	0,00022487	0,00220545	yes
AN10519	ChrII_A_nidulans_FGSC_A4:1686027-1687532	WT_5hasex	WT_veg	OK	117,197	153,054	0,385106	-0,792373	0,428143	0,694728	no
AN10520	ChrII_A_nidulans_FGSC_A4:1854875-1856513	WT_5hasex	WT_veg	OK	5,63947	10,1318	0,845263	-1,30848	0,19071	0,441607	no
AN10521	ChrII_A_nidulans_FGSC_A4:1795716-1796544	WT_5hasex	WT_veg	OK	12,5536	24,6537	0,973702	-1,51477	0,12983	0,345014	no
AN10522	ChrII_A_nidulans_FGSC_A4:1771935-1774935	WT_5hasex	WT_veg	OK	29,1164	28,1851	-0,0468975	0,0965722	0,923066	0,970847	no
AN10523	ChrII_A_nidulans_FGSC_A4:1706916-1708082	WT_5hasex	WT_veg	OK	24,7918	61,3119	1,3063	-2,41591	0,015696	0,0740661	no
AN10524	ChrII_A_nidulans_FGSC_A4:1687998-1689477	WT_5hasex	WT_veg	OK	15,5593	26,5171	0,769145	-1,38603	0,165738	0,404234	no
AN10525	ChrII_A_nidulans_FGSC_A4:1821122-1821914	WT_5hasex	WT_veg	OK	292,313	374,969	0,359255	-0,738329	0,460315	0,720367	no
AN10527	ChrII_A_nidulans_FGSC_A4:1662843-1665173	WT_5hasex	WT_veg	OK	92,1892	150,328	0,705444	-1,46309	0,143444	0,368468	no
AN10528	ChrII_A_nidulans_FGSC_A4:1648918-1649601	WT_5hasex	WT_veg	OK	26,2716	25,5874	-0,0380692	0,0648659	0,948281	0,980822	no
AN10529	ChrII_A_nidulans_FGSC_A4:1761931-1763674	WT_5hasex	WT_veg	NOTEST	1,45359	2,75288	0,921318	-1,06569	0,286562	1	no
AN1053	ChrVIII_A_nidulans_FGSC_A4:1664097-1666568	WT_5hasex	WT_veg	OK	7,66587	9,43679	0,299846	-0,5165	0,605505	0,816652	no
AN10530	ChrII_A_nidulans_FGSC_A4:1834221-1835533	WT_5hasex	WT_veg	OK	2,31841	2,60771	0,169649	-0,193433	0,84662	0,939469	no
AN10531	ChrII_A_nidulans_FGSC_A4:1837511-1838702	WT_5hasex	WT_veg	OK	10,8126	11,5598	0,0964034	-0,15679	0,875411	0,952313	no
AN10532	ChrII_A_nidulans_FGSC_A4:1756245-1757490	WT_5hasex	WT_veg	OK	7,9769	15,3812	0,947266	-1,44056	0,149709	0,378493	no
AN10533	ChrII_A_nidulans_FGSC_A4:1588593-1591898	WT_5hasex	WT_veg	OK	221,14	1466,37	2,72921	-4,60475	4,1296E-06	6,5083E-05	yes
AN10534	ChrII_A_nidulans_FGSC_A4:1591947-1593049	WT_5hasex	WT_veg	OK	5,89931	8,49002	0,525221	-0,744613	0,456506	0,717511	no
AN10535	ChrII_A_nidulans_FGSC_A4:1618352-1621603	WT_5hasex	WT_veg	OK	15,4904	23,1653	0,580593	-1,16556	0,243794	0,511123	no
AN10536	ChrII_A_nidulans_FGSC_A4:1498382-1499676	WT_5hasex	WT_veg	OK	39,4244	141,198	1,84056	-3,57275	0,00035325	0,00323315	yes
AN10537	ChrII_A_nidulans_FGSC_A4:1472278-1474489	WT_5hasex	WT_veg	OK	25,2214	99,1718	1,97528	-4,06968	4,7078E-05	0,00056777	yes
AN10539	ChrIII_A_nidulans_FGSC_A4:2464113-2464962	WT_5hasex	WT_veg	OK	45,7542	251,718	2,45983	-4,78474	1,7121E-06	2,9876E-05	yes
AN1054	ChrVIII_A_nidulans_FGSC_A4:1662410-1663866	WT_5hasex	WT_veg	OK	6,33887	14,9583	1,23865	-1,80904	0,0704451	0,226642	no
AN10540	ChrIII_A_nidulans_FGSC_A4:2400472-2402805	WT_5hasex	WT_veg	OK	165,923	255,6	0,623379	-1,1389	0,254745	0,52399	no
AN10541	ChrIII_A_nidulans_FGSC_A4:2377995-2380534	WT_5hasex	WT_veg	OK	23,0938	38,8844	0,751684	-1,51836	0,128924	0,343441	no
AN10542	ChrIII_A_nidulans_FGSC_A4:2376334-2377445	WT_5hasex	WT_veg	OK	26,9554	62,4057	1,2111	-2,27408	0,0229613	0,0988687	no
AN10543	ChrIII_A_nidulans_FGSC_A4:2359824-2362017	WT_5hasex	WT_veg	OK	6,22822	8,19185	0,395369	-0,631742	0,527555	0,768044	no
AN10544	ChrIII_A_nidulans_FGSC_A4:2315085-2317181	WT_5hasex	WT_veg	OK	8,36548	8,3637	-0,00030621	0,000520203	0,999585	0,999874	no
AN10545	ChrIII_A_nidulans_FGSC_A4:2403824-2404966	WT_5hasex	WT_veg	OK	54,0856	100,16	0,888983	-1,75427	0,0793837	0,246438	no
AN10546	ChrIII_A_nidulans_FGSC_A4:2381444-2382743	WT_5hasex	WT_veg	OK	95,0952	227,175	1,25636	-2,6045	0,00920075	0,0487648	yes
AN10547	ChrIII_A_nidulans_FGSC_A4:2375455-2376211	WT_5hasex	WT_veg	OK	216,62	1027,16	2,24542	-4,37159	1,2334E-05	0,00017296	yes
AN10548	ChrIII_A_nidulans_FGSC_A4:2310161-2314585	WT_5hasex	WT_veg	OK	3,79743	8,34736	1,13629	-1,89319	0,0583321	0,198071	no

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AN1055	ChrVIII_A_nidulans_FGSC_A4:1659461-1661592	WT_5hasex	WT_veg	OK	63,1989	113,366	0,843013	-1,76599	0,077398	0,242181	no
AN10550	ChrIII_A_nidulans_FGSC_A4:2356897-2359347	WT_5hasex	WT_veg	NOTEST	1,29626	3,06898	1,2434	-1,59729	0,110201	0,110201	1 no
AN10551	ChrIII_A_nidulans_FGSC_A4:2119089-2123487	WT_5hasex	WT_veg	OK	10,8553	80,178	2,88481	-5,81402	6,0991E-09	1,8432E-07	yes
AN10552	ChrIII_A_nidulans_FGSC_A4:2096271-2097966	WT_5hasex	WT_veg	OK	23,9486	74,4539	1,63641	-3,08963	0,00200407	0,013993	yes
AN10553	ChrIII_A_nidulans_FGSC_A4:2123802-2124556	WT_5hasex	WT_veg	OK	460,05	570,956	0,311587	-0,62629	0,531125	0,770329	no
AN10554	ChrIII_A_nidulans_FGSC_A4:2098105-2099004	WT_5hasex	WT_veg	OK	7,95955	27,7141	1,79986	-2,55714	0,0105536	0,0543359	no
AN10555	ChrIII_A_nidulans_FGSC_A4:2047873-2049346	WT_5hasex	WT_veg	OK	18,7248	22,5749	0,269768	-0,505146	0,613456	0,821065	no
AN10556	ChrIII_A_nidulans_FGSC_A4:2036964-2040437	WT_5hasex	WT_veg	OK	53,8961	78,6569	0,545392	-1,11721	0,263906	0,534872	no
AN10557	ChrIII_A_nidulans_FGSC_A4:1961381-1963894	WT_5hasex	WT_veg	OK	14,0465	134,995	3,26463	-6,50349	7,8477E-11	3,2794E-09	yes
AN10558	ChrIII_A_nidulans_FGSC_A4:2049732-2051580	WT_5hasex	WT_veg	OK	34,0818	20,2157	-0,753529	1,37468	0,16923	0,409475	no
AN10559	ChrIII_A_nidulans_FGSC_A4:2035303-2036575	WT_5hasex	WT_veg	OK	24,814	49,9147	1,00831	-1,82807	0,0675385	0,219796	no
AN1056	ChrVIII_A_nidulans_FGSC_A4:1657943-1659295	WT_5hasex	WT_veg	OK	34,0892	46,0737	0,434629	-0,860464	0,389534	0,662967	no
AN10560	ChrIII_A_nidulans_FGSC_A4:1965637-1968206	WT_5hasex	WT_veg	OK	13,3649	71,4107	2,41769	-4,69649	2,6467E-06	4,4015E-05	yes
AN10561	ChrIII_A_nidulans_FGSC_A4:1929018-1930112	WT_5hasex	WT_veg	OK	96,8867	96,5045	-0,00570156	0,0117259	0,990644	0,996611	no
AN10564	ChrIII_A_nidulans_FGSC_A4:1736237-1739295	WT_5hasex	WT_veg	OK	16,5469	12,8133	-0,368921	0,735044	0,462313	0,721825	no
AN10565	ChrIII_A_nidulans_FGSC_A4:1638294-1639288	WT_5hasex	WT_veg	NOTEST	0,194159	0,976471	2,33034	-1,18644	0,235448	1 no	
AN10566	ChrIII_A_nidulans_FGSC_A4:1808004-1809081	WT_5hasex	WT_veg	OK	2,21738	4,04004	0,865512	-1,01248	0,311308	0,587692	no
AN10567	ChrIII_A_nidulans_FGSC_A4:1739470-1740843	WT_5hasex	WT_veg	OK	33,5178	93,8738	1,4858	-2,81349	0,00490072	0,0292691	yes
AN10568	ChrIII_A_nidulans_FGSC_A4:1927682-1928708	WT_5hasex	WT_veg	OK	55,0823	88,8192	0,689283	-1,35378	0,175807	0,420247	no
AN10569	ChrIII_A_nidulans_FGSC_A4:1799917-1800706	WT_5hasex	WT_veg	OK	36,0404	151,94	2,07582	-3,7872	0,00015236	0,00157564	yes
AN1057	ChrVIII_A_nidulans_FGSC_A4:1654951-1657461	WT_5hasex	WT_veg	OK	57,5888	118,194	1,03729	-2,16682	0,0302486	0,122071	no
AN10570	ChrIII_A_nidulans_FGSC_A4:1637302-1638125	WT_5hasex	WT_veg	OK	34,307	33,7022	-0,0256606	0,0464923	0,962918	0,986449	no
AN10571	ChrIII_A_nidulans_FGSC_A4:1491712-1492683	WT_5hasex	WT_veg	OK	2,95235	8,26289	1,48478	-1,80585	0,0709425	0,227675	no
AN10572	ChrIII_A_nidulans_FGSC_A4:1460639-1462324	WT_5hasex	WT_veg	OK	16,817	32,1365	0,934296	-1,75333	0,0795449	0,246806	no
AN10574	ChrIII_A_nidulans_FGSC_A4:1399045-1403873	WT_5hasex	WT_veg	OK	39,3448	139,831	1,82944	-3,55536	0,00037747	0,00341803	yes
AN10575	ChrIII_A_nidulans_FGSC_A4:1462957-1463934	WT_5hasex	WT_veg	OK	347,491	955,715	1,4596	-2,88688	0,00389087	0,0242466	yes
AN10578	ChrIII_A_nidulans_FGSC_A4:1404517-1405524	WT_5hasex	WT_veg	OK	272,079	596,833	1,1333	-2,30962	0,0209094	0,092219	no
AN10579	ChrIII_A_nidulans_FGSC_A4:1490533-1491676	WT_5hasex	WT_veg	OK	2,73528	14,8217	2,43795	-3,1075	0,00188675	0,0132907	yes
AN1058	ChrVIII_A_nidulans_FGSC_A4:1649781-1651367	WT_5hasex	WT_veg	OK	305,27	615,996	1,01284	-1,94457	0,0518273	0,182016	no
AN10580	ChrIII_A_nidulans_FGSC_A4:1295955-1298078	WT_5hasex	WT_veg	OK	51,9007	149,333	1,52471	-3,07494	0,00210545	0,0145829	yes
AN10581	ChrIII_A_nidulans_FGSC_A4:1211530-1212691	WT_5hasex	WT_veg	OK	997,365	3807,18	1,93253	-3,35009	0,00080784	0,00654896	yes
AN10582	ChrIII_A_nidulans_FGSC_A4:1138617-1140392	WT_5hasex	WT_veg	OK	27,7387	14,3655	-0,949296	1,57161	0,116041	0,320126	no
AN10583	ChrIII_A_nidulans_FGSC_A4:1088101-1090875	WT_5hasex	WT_veg	OK	16,4493	21,7802	0,40499	-0,687953	0,491482	0,74365	no
AN10584	ChrIII_A_nidulans_FGSC_A4:1062780-1064124	WT_5hasex	WT_veg	OK	163,472	260,643	0,673036	-1,33337	0,18241	0,429795	no
AN10585	ChrIII_A_nidulans_FGSC_A4:1140705-1141642	WT_5hasex	WT_veg	OK	1182,33	1089,57	-0,117882	0,213837	0,830674	0,93262	no
AN10586	ChrIII_A_nidulans_FGSC_A4:1088101-1090875	WT_5hasex	WT_veg	OK	31,2015	45,7251	0,551369	-1,08755	0,276793	0,549997	no
AN10588	ChrIII_A_nidulans_FGSC_A4:1299221-1299773	WT_5hasex	WT_veg	OK	55,1336	126,465	1,19774	-1,92634	0,0540616	0,187471	no
AN10589	ChrIII_A_nidulans_FGSC_A4:1209395-1211426	WT_5hasex	WT_veg	OK	16,5775	15,0107	-0,143235	0,271779	0,785792	0,912491	no
AN10590	ChrIII_A_nidulans_FGSC_A4:1091180-1092012	WT_5hasex	WT_veg	OK	21,7086	93,1077	2,10063	-3,60801	0,00030856	0,00288938	yes
AN10591	ChrIII_A_nidulans_FGSC_A4:1064651-1066922	WT_5hasex	WT_veg	OK	14,2314	22,6815	0,67244	-1,29089	0,196743	0,450011	no
AN10592	ChrIII_A_nidulans_FGSC_A4:1277030-1277582	WT_5hasex	WT_veg	OK	24,2605	128,622	2,4184	-3,98665	6,7013E-05	0,0007739	yes
AN10593	ChrIII_A_nidulans_FGSC_A4:1045521-1046551	WT_5hasex	WT_veg	OK	21,8508	41,2273	0,915916	-1,64405	0,100166	0,289713	no
AN10594	ChrIII_A_nidulans_FGSC_A4:955951-956917	WT_5hasex	WT_veg	OK	74,8445	138,051	0,883236	-1,77296	0,0762353	0,239602	no
AN10596	ChrIII_A_nidulans_FGSC_A4:957601-959784	WT_5hasex	WT_veg	OK	12,5031	20,9695	0,746004	-1,31447	0,188689	0,43877	no
AN10597	ChrIII_A_nidulans_FGSC_A4:888337-889248	WT_5hasex	WT_veg	OK	19,3889	41,5134	1,09834	-1,82867	0,0674489	0,219629	no
AN10598	ChrIII_A_nidulans_FGSC_A4:927622-930210	WT_5hasex	WT_veg	OK	26,2724	75,0907	1,51508	-3,13885	0,00169612	0,012167	yes
AN10599	ChrIII_A_nidulans_FGSC_A4:852625-853936	WT_5hasex	WT_veg	OK	1,55502	5,72211	1,87961	-2,23224	0,0255992	0,107411	no
AN1060	ChrVIII_A_nidulans_FGSC_A4:1639143-1643667	WT_5hasex	WT_veg	OK	15,9532	23,4121	0,553411	-1,15927	0,246346	0,51416	no
AN10600	ChrIII_A_nidulans_FGSC_A4:854250-856640	WT_5hasex	WT_veg	NOTEST	1,26832	3,6512	1,52546	-1,8371	0,0661957	1 no	
AN10601	ChrIII_A_nidulans_FGSC_A4:814214-815530	WT_5hasex	WT_veg	OK	7,79345	7,45928	-0,063224	0,0944172	0,924778	0,971575	no
AN10602	ChrIII_A_nidulans_FGSC_A4:804595-806180	WT_5hasex	WT_veg	OK	27,5645	41,9649	0,606369	-0,968639	0,332725	0,609059	no
AN10603	ChrIII_A_nidulans_FGSC_A4:789577-792080	WT_5hasex	WT_veg	OK	37,4246	64,5623	0,786705	-1,52226	0,127945	0,341606	no
AN10604	ChrIII_A_nidulans_FGSC_A4:812507-813793	WT_5hasex	WT_veg	OK	36,0375	44,7342	0,311879	-0,609924	0,541912	0,776965	no

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AN10605	ChrIII_A_nidulans_FGSC_A4:806233-807352	WT_5hasex	WT_veg	NOTEST	0,253928	1,80417	2,82884	-1,37002	0,170679	1	no
AN10606	ChrIII_A_nidulans_FGSC_A4:792460-795138	WT_5hasex	WT_veg	OK	21,8907	27,331	0,320222	-0,642637	0,52046	0,763868	no
AN10607	ChrIII_A_nidulans_FGSC_A4:768215-770924	WT_5hasex	WT_veg	OK	32,9274	94,1212	1,51523	-3,10518	0,00190161	0,0133792	yes
AN10608	ChrIII_A_nidulans_FGSC_A4:761055-761743	WT_5hasex	WT_veg	OK	6,67619	16,5411	1,30896	-1,79861	0,0720806	0,230245	no
AN10609	ChrIII_A_nidulans_FGSC_A4:669126-670922	WT_5hasex	WT_veg	OK	95,5388	176,516	0,885637	-1,77753	0,0754806	0,237869	no
AN1061	ChrVIII_A_nidulans_FGSC_A4:1635879-1637614	WT_5hasex	WT_veg	OK	54,2489	58,0674	0,0981337	-0,184363	0,853729	0,942707	no
AN10610	ChrIII_A_nidulans_FGSC_A4:420788-422201	WT_5hasex	WT_veg	OK	26,7433	29,1303	0,123341	-0,235025	0,814189	0,925531	no
AN10611	ChrIII_A_nidulans_FGSC_A4:303446-305801	WT_5hasex	WT_veg	OK	15,2334	15,9548	0,0667538	-0,124551	0,900879	0,961873	no
AN10612	ChrIII_A_nidulans_FGSC_A4:181133-182222	WT_5hasex	WT_veg	NOTEST	0,276688	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN10614	ChrIII_A_nidulans_FGSC_A4:615526-617379	WT_5hasex	WT_veg	OK	548,02	891,604	0,702174	-1,25559	0,209264	0,46707	no
AN10615	ChrIII_A_nidulans_FGSC_A4:603063-605425	WT_5hasex	WT_veg	OK	141,077	274,443	0,960026	-1,94277	0,0520441	0,182496	no
AN10616	ChrIII_A_nidulans_FGSC_A4:765808-767013	WT_5hasex	WT_veg	OK	16,373	71,6356	2,12936	-3,75853	0,00017091	0,0017411	yes
AN10618	ChrIII_A_nidulans_FGSC_A4:671074-673174	WT_5hasex	WT_veg	OK	10,4036	41,7614	2,00508	-3,60585	0,00031114	0,00290992	yes
AN10619	ChrIII_A_nidulans_FGSC_A4:673230-675428	WT_5hasex	WT_veg	OK	25,6669	100,669	1,97164	-3,71957	0,00019956	0,00198846	yes
AN1062	ChrVIII_A_nidulans_FGSC_A4:1632489-1635229	WT_5hasex	WT_veg	OK	17,2708	22,6092	0,388574	-0,692076	0,488889	0,741924	no
AN10620	ChrIII_A_nidulans_FGSC_A4:422541-423821	WT_5hasex	WT_veg	OK	26,9327	31,6263	0,231766	-0,439001	0,660661	0,847573	no
AN10621	ChrIII_A_nidulans_FGSC_A4:306631-309838	WT_5hasex	WT_veg	OK	14,5103	32,3006	1,15448	-2,21379	0,0268433	0,111364	no
AN10622	ChrIII_A_nidulans_FGSC_A4:326865-327539	WT_5hasex	WT_veg	OK	83,1239	141,429	0,766747	-1,45903	0,144557	0,370214	no
AN10623	ChrIII_A_nidulans_FGSC_A4:178819-180284	WT_5hasex	WT_veg	NOTEST	0,494667	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN10624	ChrIII_A_nidulans_FGSC_A4:174504-175858	WT_5hasex	WT_veg	NOTEST	0	0,727079	1.79769e+308	1.79769e+308	0,123323	1	no
AN10625	ChrIII_A_nidulans_FGSC_A4:49562-51566	WT_5hasex	WT_veg	OK	19,5272	57,3992	1,55554	-2,9436	0,00324418	0,0208591	yes
AN10626	ChrIII_A_nidulans_FGSC_A4:35595-37465	WT_5hasex	WT_veg	OK	18,333	20,0781	0,131183	-0,25335	0,799997	0,91931	no
AN10627	ChrIII_A_nidulans_FGSC_A4:51865-53499	WT_5hasex	WT_veg	OK	14,336	81,2662	2,50302	-4,39504	1,1075E-05	0,00015732	yes
AN10629	ChrIII_A_nidulans_FGSC_A4:31166-32699	WT_5hasex	WT_veg	OK	5,24651	23,425	2,15862	-3,27246	0,00106614	0,00827552	yes
AN1063	ChrVIII_A_nidulans_FGSC_A4:1632489-1635229	WT_5hasex	WT_veg	OK	130,843	178,017	0,444178	-0,886022	0,375605	0,650338	no
AN10630	ChrIII_A_nidulans_FGSC_A4:16180-17145	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10631	ChrIII_A_nidulans_FGSC_A4:37831-38651	WT_5hasex	WT_veg	OK	14,1869	62,3028	2,13474	-3,43589	0,0005906	0,00502171	yes
AN10632	ChrV_A_nidulans_FGSC_A4:1139582-1140863	WT_5hasex	WT_veg	NOTEST	1,4218	3,61478	1,34619	-1,50107	0,133338	1	no
AN10634	ChrV_A_nidulans_FGSC_A4:1259268-1261828	WT_5hasex	WT_veg	OK	61,985	240,93	1,95863	-3,8629	0,00011205	0,00121317	yes
AN10636	ChrV_A_nidulans_FGSC_A4:1276172-1277565	WT_5hasex	WT_veg	OK	28,5968	45,2035	0,660579	-1,29555	0,19513	0,44763	no
AN10637	ChrV_A_nidulans_FGSC_A4:1277971-1280667	WT_5hasex	WT_veg	OK	33,548	71,895	1,09967	-2,29767	0,0215808	0,0943814	no
AN10638	ChrV_A_nidulans_FGSC_A4:1289219-1291796	WT_5hasex	WT_veg	OK	10,5587	27,2068	1,36554	-2,44231	0,0145935	0,0700489	no
AN10639	ChrV_A_nidulans_FGSC_A4:1296908-1298661	WT_5hasex	WT_veg	OK	20,825	12,1585	-0,776344	1,4768	0,13973	0,362041	no
AN10640	ChrV_A_nidulans_FGSC_A4:1323488-1324867	WT_5hasex	WT_veg	OK	17,4215	38,6166	1,14835	-2,02376	0,0429948	0,159021	no
AN10641	ChrV_A_nidulans_FGSC_A4:1281089-1281868	WT_5hasex	WT_veg	OK	73,1999	228,145	1,64004	-3,15861	0,00158522	0,011507	yes
AN10642	ChrV_A_nidulans_FGSC_A4:1292442-1293250	WT_5hasex	WT_veg	OK	29,158	56,511	0,954641	-1,70401	0,0883785	0,26581	no
AN10643	ChrV_A_nidulans_FGSC_A4:1275319-1275993	WT_5hasex	WT_veg	OK	43,9783	164,629	1,90435	-3,29627	0,00097977	0,00771824	yes
AN10644	ChrV_A_nidulans_FGSC_A4:1299000-1299753	WT_5hasex	WT_veg	OK	14,8956	42,5031	1,51268	-2,38206	0,0172162	0,0794996	no
AN10645	ChrV_A_nidulans_FGSC_A4:1269505-1270684	WT_5hasex	WT_veg	OK	64,5883	253,239	1,97115	-4,0991	4,1477E-05	0,00050924	yes
AN10646	ChrV_A_nidulans_FGSC_A4:1322131-1323298	WT_5hasex	WT_veg	OK	49,45	181,638	1,87702	-3,85307	0,00011665	0,00125667	yes
AN10648	ChrV_A_nidulans_FGSC_A4:1423978-1425886	WT_5hasex	WT_veg	OK	28,2863	36,4995	0,367776	-0,734209	0,462822	0,722153	no
AN10649	ChrV_A_nidulans_FGSC_A4:1599496-1605059	WT_5hasex	WT_veg	OK	5,95558	11,8283	0,989924	-1,87991	0,0601205	0,202613	no
AN1065	ChrVIII_A_nidulans_FGSC_A4:1627955-1629792	WT_5hasex	WT_veg	OK	63,7226	150,098	1,23603	-2,57811	0,00993428	0,0518657	no
AN10650	ChrV_A_nidulans_FGSC_A4:1608649-1610432	WT_5hasex	WT_veg	NOTEST	0	0,209441	1.79769e+308	1.79769e+308	0,21742	1	no
AN10651	ChrV_A_nidulans_FGSC_A4:1489962-1492761	WT_5hasex	WT_veg	OK	332,127	362,46	0,126084	-0,252058	0,800996	0,919698	no
AN10652	ChrV_A_nidulans_FGSC_A4:1422382-1423526	WT_5hasex	WT_veg	OK	73,2095	119,457	0,70639	-1,36744	0,171489	0,413286	no
AN10654	ChrV_A_nidulans_FGSC_A4:1607766-1608435	WT_5hasex	WT_veg	NOTEST	0,659533	0,746154	0,178029	-0,0368367	0,970615	1	no
AN10656	ChrV_A_nidulans_FGSC_A4:3309892-3312323	WT_5hasex	WT_veg	NOTEST	1,26399	0,256772	-2,29942	1,56117	0,118483	1	no
AN10657	ChrV_A_nidulans_FGSC_A4:3253416-3255125	WT_5hasex	WT_veg	NOTEST	0,388106	0,606493	0,644042	-0,483279	0,628897	1	no
AN10658	ChrV_A_nidulans_FGSC_A4:3240914-3242699	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10659	ChrV_A_nidulans_FGSC_A4:3215429-3217493	WT_5hasex	WT_veg	NOTEST	0,293745	1,06539	1,85874	-1,64907	0,0991338	1	no
AN1066	ChrVIII_A_nidulans_FGSC_A4:1626434-1627741	WT_5hasex	WT_veg	OK	1249,41	7519,33	2,58935	-3,03112	0,00243652	0,0164576	yes
AN10661	ChrV_A_nidulans_FGSC_A4:3107798-3110187	WT_5hasex	WT_veg	OK	47,1236	102,026	1,11442	-2,30172	0,0213512	0,093682	no

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AN10662	ChrV_A_nidulans_FGSC_A4:3068530-3070129	WT_5hasex	WT_veg	OK	5,37652	20,442	1,92679	-2,89977	0,00373439	0,0234634	yes
AN10663	ChrV_A_nidulans_FGSC_A4:3110467-3112804	WT_5hasex	WT_veg	OK	71,4214	94,2493	0,400126	-0,82137	0,411435	0,681352	no
AN10664	ChrV_A_nidulans_FGSC_A4:3070775-3072219	WT_5hasex	WT_veg	OK	386,411	682,332	0,82034	-1,47383	0,140527	0,363362	no
AN10665	ChrV_A_nidulans_FGSC_A4:3307574-3309561	WT_5hasex	WT_veg	NOTEST	0,106937	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN10666	ChrV_A_nidulans_FGSC_A4:3256124-3257080	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN10667	ChrV_A_nidulans_FGSC_A4:3257355-3258458	WT_5hasex	WT_veg	NOTEST	0,503303	0,358135	-0,490923	0,268492	0,788321		1 no
AN10668	ChrV_A_nidulans_FGSC_A4:3238639-3239626	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN10669	ChrV_A_nidulans_FGSC_A4:3217599-3218392	WT_5hasex	WT_veg	NOTEST	0,444384	0	-1.79769e+308	-1.79769e+308	0,23809		1 no
AN1067	ChrVIII_A_nidulans_FGSC_A4:1625827-1626293	WT_5hasex	WT_veg	OK	9,22249	28,7	1,63782	-2,1344	0,0328102	0,129995	no
AN10670	ChrV_A_nidulans_FGSC_A4:3196297-3198262	WT_5hasex	WT_veg	OK	4,86011	7,10169	0,547173	-0,818112	0,413293	0,682746	no
AN10671	ChrV_A_nidulans_FGSC_A4:2976879-2978149	WT_5hasex	WT_veg	NOTEST	0,440222	0	-1.79769e+308	-1.79769e+308	0,0966285		1 no
AN10672	ChrV_A_nidulans_FGSC_A4:2960396-2963065	WT_5hasex	WT_veg	OK	2,21205	3,88647	0,813078	-1,12444	0,260826	0,531241	no
AN10673	ChrV_A_nidulans_FGSC_A4:2820864-2824214	WT_5hasex	WT_veg	OK	30,799	35,1306	0,189846	-0,39467	0,693086	0,865483	no
AN10675	ChrV_A_nidulans_FGSC_A4:2651271-2652370	WT_5hasex	WT_veg	OK	58,5447	93,1828	0,670526	-1,33126	0,183102	0,430826	no
AN10676	ChrV_A_nidulans_FGSC_A4:2549711-2551257	WT_5hasex	WT_veg	OK	51,8072	181,972	1,81249	-3,76829	0,00016437	0,00168293	yes
AN10677	ChrV_A_nidulans_FGSC_A4:2510076-2514025	WT_5hasex	WT_veg	OK	10,9238	16,95	0,633809	-1,18609	0,235585	0,500898	no
AN10678	ChrV_A_nidulans_FGSC_A4:2480740-2481600	WT_5hasex	WT_veg	OK	186,352	2519,42	3,75699	-7,41965	1,1746E-13	7,3715E-12	yes
AN1068	ChrVIII_A_nidulans_FGSC_A4:1623614-1625196	WT_5hasex	WT_veg	OK	20,7864	74,037	1,8326	-3,31776	0,00090742	0,00724306	yes
AN10680	ChrV_A_nidulans_FGSC_A4:2818690-2820191	WT_5hasex	WT_veg	OK	30,9056	72,2999	1,22613	-2,39352	0,0166874	0,0776602	no
AN10681	ChrV_A_nidulans_FGSC_A4:2652845-2654009	WT_5hasex	WT_veg	OK	1106,61	2094,57	0,920505	-1,61938	0,105365	0,300381	no
AN10682	ChrV_A_nidulans_FGSC_A4:2506273-2509571	WT_5hasex	WT_veg	OK	70,5119	103,479	0,553405	-1,13016	0,258409	0,528332	no
AN10683	ChrV_A_nidulans_FGSC_A4:2479410-2480653	WT_5hasex	WT_veg	OK	38,842	71,2022	0,874304	-1,68719	0,0915666	0,272103	no
AN10685	ChrV_A_nidulans_FGSC_A4:2505302-2505646	WT_5hasex	WT_veg	OK	13,6366	29,7962	1,12765	-1,2371	0,216048	0,476028	no
AN10686	ChrV_A_nidulans_FGSC_A4:2510076-2514025	WT_5hasex	WT_veg	OK	49,0649	35,4459	-0,469074	0,926271	0,354305	0,62991	no
AN10687	ChrV_A_nidulans_FGSC_A4:2707189-2708401	WT_5hasex	WT_veg	NOTEST	1,03501	3,6653	1,82429	-1,3241	0,18547		1 no
AN10688	ChrV_A_nidulans_FGSC_A4:2976196-2976863	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN10689	ChrV_A_nidulans_FGSC_A4:2546579-2549095	WT_5hasex	WT_veg	OK	48,0824	44,63	-0,107494	0,220439	0,82553	0,93039	no
AN1069	ChrVIII_A_nidulans_FGSC_A4:1621134-1622264	WT_5hasex	WT_veg	OK	78,7132	117,627	0,579536	-1,169	0,242405	0,509058	no
AN10690	ChrV_A_nidulans_FGSC_A4:2447377-2448229	WT_5hasex	WT_veg	OK	7,12816	41,7607	2,55055	-3,5526	0,00038144	0,00345039	yes
AN10691	ChrV_A_nidulans_FGSC_A4:2434819-2437082	WT_5hasex	WT_veg	OK	7,48508	23,99	1,68034	-2,56728	0,01025	0,0531224	no
AN10692	ChrV_A_nidulans_FGSC_A4:2424654-2426353	WT_5hasex	WT_veg	NOTEST	0,505333	1,9708	1,96347	-1,59854	0,109922		1 no
AN10693	ChrV_A_nidulans_FGSC_A4:2409262-2410746	WT_5hasex	WT_veg	OK	5,69826	6,77519	0,249738	-0,365103	0,715034	0,877656	no
AN10694	ChrV_A_nidulans_FGSC_A4:2403020-2404948	WT_5hasex	WT_veg	OK	16,9654	36,9239	1,12196	-2,1071	0,0351091	0,136858	no
AN10695	ChrV_A_nidulans_FGSC_A4:2408197-2409235	WT_5hasex	WT_veg	OK	49,9983	220,273	2,13934	-4,2674	1,9777E-05	0,00026363	yes
AN10696	ChrV_A_nidulans_FGSC_A4:2405709-2406487	WT_5hasex	WT_veg	OK	41,6795	61,2436	0,555221	-1,01268	0,311213	0,587576	no
AN10697	ChrV_A_nidulans_FGSC_A4:2448366-2450775	WT_5hasex	WT_veg	OK	2,56784	4,75719	0,889556	-1,24427	0,213402	0,472593	no
AN10698	ChrV_A_nidulans_FGSC_A4:2433572-2434803	WT_5hasex	WT_veg	OK	10,8693	43,897	2,01387	-2,83797	0,00454008	0,027539	yes
AN10699	ChrV_A_nidulans_FGSC_A4:2426829-2429153	WT_5hasex	WT_veg	OK	4,67737	92,4615	4,30508	-6,95796	3,4524E-12	1,7702E-10	yes
AN1070	ChrVIII_A_nidulans_FGSC_A4:1617614-1618689	WT_5hasex	WT_veg	OK	8,86256	21,335	1,26742	-1,95976	0,0500236	0,177609	no
AN10700	ChrV_A_nidulans_FGSC_A4:2106701-2109184	WT_5hasex	WT_veg	OK	8,42371	32,6065	1,95263	-3,01565	0,00256432	0,0171689	yes
AN10701	ChrV_A_nidulans_FGSC_A4:2051029-2052425	WT_5hasex	WT_veg	OK	153,961	618,175	2,00545	-4,09522	4,2177E-05	0,000517	yes
AN10702	ChrV_A_nidulans_FGSC_A4:1955400-1957371	WT_5hasex	WT_veg	OK	47,4893	34,2695	-0,470679	0,954134	0,340016	0,615756	no
AN10703	ChrV_A_nidulans_FGSC_A4:1934664-1935934	WT_5hasex	WT_veg	OK	17,1549	29,1763	0,766176	-1,38547	0,16591	0,404467	no
AN10705	ChrV_A_nidulans_FGSC_A4:1760109-1761145	WT_5hasex	WT_veg	OK	137,04	261,404	0,931686	-1,85945	0,0629639	0,209023	no
AN10706	ChrV_A_nidulans_FGSC_A4:1753937-1755003	WT_5hasex	WT_veg	OK	220,967	720,047	1,70426	-3,36091	0,00077685	0,00632907	yes
AN10707	ChrV_A_nidulans_FGSC_A4:1743202-1747558	WT_5hasex	WT_veg	OK	12,7048	11,1583	-0,187259	0,375617	0,707202	0,873574	no
AN10708	ChrV_A_nidulans_FGSC_A4:1713122-1714200	WT_5hasex	WT_veg	OK	213,247	272,383	0,353111	-0,721428	0,470647	0,728383	no
AN1071	ChrVIII_A_nidulans_FGSC_A4:1606559-1610250	WT_5hasex	WT_veg	NOTEST	1,43024	2,25337	0,655825	-0,857919	0,390937		1 no
AN10710	ChrV_A_nidulans_FGSC_A4:1752202-1753512	WT_5hasex	WT_veg	OK	180,845	198,246	0,13254	-0,268502	0,788313	0,913646	no
AN10711	ChrV_A_nidulans_FGSC_A4:1750901-1752038	WT_5hasex	WT_veg	OK	66,0715	113,146	0,77609	-1,58293	0,113436	0,315565	no
AN10712	ChrV_A_nidulans_FGSC_A4:2049662-2050743	WT_5hasex	WT_veg	OK	228,482	840,723	1,87843	-3,67626	0,00023668	0,00230228	yes
AN10713	ChrV_A_nidulans_FGSC_A4:1952597-1953898	WT_5hasex	WT_veg	OK	75,3655	181,073	1,27009	-2,62107	0,00876534	0,046946	yes
AN10714	ChrV_A_nidulans_FGSC_A4:1933059-1934344	WT_5hasex	WT_veg	OK	10,4075	33,2604	1,67618	-2,7182	0,00656382	0,0372168	yes

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AN10715	ChrV_A_nidulans_FGSC_A4:1747953-1750142	WT_5hasex	WT_veg	OK	1,89396	4,03505	1,09118	-1,25616	0,209059	0,466762	no
AN10716	ChrV_A_nidulans_FGSC_A4:1711823-1712805	WT_5hasex	WT_veg	OK	51,0875	129,055	1,33694	-2,67503	0,00747221	0,0412819	yes
AN10717	ChrV_A_nidulans_FGSC_A4:1715604-1716172	WT_5hasex	WT_veg	OK	65,8656	240,682	1,86953	-3,49967	0,00046584	0,00410198	yes
AN10719	ChrV_A_nidulans_FGSC_A4:1677663-1678395	WT_5hasex	WT_veg	OK	232,841	194,49	-0,259648	0,533697	0,593552	0,80896	no
AN1072	ChrVIII_A_nidulans_FGSC_A4:1602367-1603275	WT_5hasex	WT_veg	OK	3,85256	3,72158	-0,0499013	0,0546962	0,95638	0,98379	no
AN10720	ChrV_A_nidulans_FGSC_A4:2225728-2227607	WT_5hasex	WT_veg	OK	7,24732	13,2886	0,874668	-1,35493	0,175438	0,41982	no
AN10721	ChrV_A_nidulans_FGSC_A4:1680305-1680938	WT_5hasex	WT_veg	OK	32,7775	64,046	0,966401	-1,67445	0,0940421	0,277243	no
AN10722	ChrV_A_nidulans_FGSC_A4:2025231-2029057	WT_5hasex	WT_veg	OK	20,4636	36,7685	0,84541	-1,73141	0,0833787	0,25524	no
AN10723	ChrV_A_nidulans_FGSC_A4:2109488-2110560	WT_5hasex	WT_veg	OK	21,9798	55,3572	1,33259	-2,39186	0,0167631	0,0779361	no
AN10724	ChrV_A_nidulans_FGSC_A4:1759577-1760105	WT_5hasex	WT_veg	OK	106,024	168,975	0,672418	-1,31739	0,187709	0,437415	no
AN10726	ChrV_A_nidulans_FGSC_A4:1793441-1793796	WT_5hasex	WT_veg	OK	21,8881	48,5697	1,14991	-1,71189	0,0869177	0,262804	no
AN10728	ChrV_A_nidulans_FGSC_A4:1722550-1723412	WT_5hasex	WT_veg	OK	11,1587	23,2784	1,06082	-1,54137	0,123227	0,333265	no
AN1073	ChrVIII_A_nidulans_FGSC_A4:1597293-1599355	WT_5hasex	WT_veg	NOTEST	0,249026	0,446115	0,84112	-0,486088	0,626905	1	no
AN10730	ChrV_A_nidulans_FGSC_A4:1766558-1766961	WT_5hasex	WT_veg	OK	1,25989	7,53197	2,57973	-1,66758	0,0953999	0,280104	no
AN10731	ChrV_A_nidulans_FGSC_A4:2038006-2038452	WT_5hasex	WT_veg	OK	64,3789	173,219	1,42794	-2,43647	0,0148316	0,0709194	no
AN10732	ChrI_A_nidulans_FGSC_A4:2188556-2191623	WT_5hasex	WT_veg	OK	15,0219	27,4988	0,872305	-1,70742	0,0877449	0,264466	no
AN10733	ChrI_A_nidulans_FGSC_A4:2132521-2133685	WT_5hasex	WT_veg	OK	36,3638	25,4587	-0,514344	1,01081	0,312105	0,588501	no
AN10734	ChrI_A_nidulans_FGSC_A4:2067939-2076455	WT_5hasex	WT_veg	OK	12,7818	35,9279	1,49102	-3,15099	0,00162717	0,0117582	yes
AN10735	ChrI_A_nidulans_FGSC_A4:2013980-2025264	WT_5hasex	WT_veg	OK	9,47788	20,7208	1,12844	-2,22151	0,0263162	0,109725	no
AN10736	ChrI_A_nidulans_FGSC_A4:1994432-1996177	WT_5hasex	WT_veg	OK	123,42	492,394	1,99623	-4,08373	4,4318E-05	0,0005397	yes
AN10737	ChrI_A_nidulans_FGSC_A4:2175156-2176575	WT_5hasex	WT_veg	OK	20,8536	30,8363	0,56433	-1,07565	0,282083	0,55587	no
AN10738	ChrI_A_nidulans_FGSC_A4:2187456-2188066	WT_5hasex	WT_veg	OK	49,4779	147,576	1,57661	-2,95262	0,00315089	0,0203667	yes
AN1074	ChrVIII_A_nidulans_FGSC_A4:1594948-1595796	WT_5hasex	WT_veg	OK	181,613	408,023	1,16778	-2,38267	0,0171878	0,0794034	no
AN10740	ChrI_A_nidulans_FGSC_A4:2066331-2067601	WT_5hasex	WT_veg	OK	1659,34	2919,24	0,814984	-1,29225	0,19627	0,449182	no
AN10741	ChrI_A_nidulans_FGSC_A4:2134561-2135287	WT_5hasex	WT_veg	OK	293,024	139,209	-1,07377	2,10962	0,0348911	0,136273	no
AN10742	ChrI_A_nidulans_FGSC_A4:1947499-1948040	WT_5hasex	WT_veg	OK	19,9154	11,7559	-0,760496	1,11927	0,263027	0,533826	no
AN10743	ChrI_A_nidulans_FGSC_A4:1961959-1963213	WT_5hasex	WT_veg	OK	114,486	210,25	0,876926	-1,81993	0,0687704	0,222657	no
AN10745	ChrI_A_nidulans_FGSC_A4:2101158-2103220	WT_5hasex	WT_veg	OK	104,552	275,549	1,39809	-2,88768	0,00388095	0,0241905	yes
AN10746	ChrI_A_nidulans_FGSC_A4:2099506-2100878	WT_5hasex	WT_veg	OK	5,12362	11,3106	1,14244	-1,63021	0,103057	0,295818	no
AN10747	ChrI_A_nidulans_FGSC_A4:2097285-2099202	WT_5hasex	WT_veg	OK	64,2117	223,566	1,79979	-3,78242	0,00015531	0,00160114	yes
AN10748	ChrI_A_nidulans_FGSC_A4:1944698-1945184	WT_5hasex	WT_veg	OK	8,23771	9,42551	0,194327	-0,231618	0,816835	0,926659	no
AN1075	ChrVIII_A_nidulans_FGSC_A4:1591625-1594299	WT_5hasex	WT_veg	OK	22,266	29,7004	0,41564	-0,846672	0,397178	0,670192	no
AN10750	ChrI_A_nidulans_FGSC_A4:2025477-2031384	WT_5hasex	WT_veg	OK	16,7078	27,1794	0,701989	-1,38234	0,166867	0,405894	no
AN10751	ChrI_A_nidulans_FGSC_A4:1993322-1994401	WT_5hasex	WT_veg	OK	100,814	330,395	1,7125	-3,5815	0,00034163	0,00314398	yes
AN10752	ChrI_A_nidulans_FGSC_A4:1960194-1961793	WT_5hasex	WT_veg	OK	100,505	307,368	1,6127	-3,34079	0,00083541	0,00673599	yes
AN10753	ChrI_A_nidulans_FGSC_A4:1801787-1802644	WT_5hasex	WT_veg	OK	51,5215	82,2019	0,673996	-1,33323	0,182458	0,429819	no
AN10754	ChrI_A_nidulans_FGSC_A4:1789215-1791781	WT_5hasex	WT_veg	OK	49,9077	69,2526	0,472606	-0,980273	0,326951	0,603262	no
AN10755	ChrI_A_nidulans_FGSC_A4:1762541-1767206	WT_5hasex	WT_veg	OK	19,0019	30,8192	0,697685	-1,40737	0,159317	0,394412	no
AN10756	ChrI_A_nidulans_FGSC_A4:1674641-1678733	WT_5hasex	WT_veg	OK	18,1658	27,0029	0,571888	-1,13288	0,257265	0,527121	no
AN10757	ChrI_A_nidulans_FGSC_A4:1791943-1795600	WT_5hasex	WT_veg	OK	11,1418	22,9417	1,04198	-2,0816	0,0373793	0,143479	no
AN10758	ChrI_A_nidulans_FGSC_A4:1679577-1681017	WT_5hasex	WT_veg	OK	10,6337	34,4469	1,69573	-2,90766	0,00364142	0,0229783	yes
AN10759	ChrI_A_nidulans_FGSC_A4:1690608-1691166	WT_5hasex	WT_veg	OK	19,9339	53,1107	1,41378	-2,14086	0,0322856	0,128435	no
AN1076	ChrVIII_A_nidulans_FGSC_A4:1589940-1591371	WT_5hasex	WT_veg	OK	19,9552	10,0844	-0,98464	1,7613	0,0781876	0,243887	no
AN10760	ChrI_A_nidulans_FGSC_A4:1802866-1805907	WT_5hasex	WT_veg	OK	52,3	71,1625	0,444307	-0,922739	0,356143	0,631541	no
AN10761	ChrI_A_nidulans_FGSC_A4:1705039-1705583	WT_5hasex	WT_veg	OK	2514,3	11800,5	2,23062	-3,49876	0,00046743	0,00411324	yes
AN10762	ChrI_A_nidulans_FGSC_A4:1768397-1770485	WT_5hasex	WT_veg	OK	29,1743	38,1904	0,388512	-0,773404	0,439283	0,703648	no
AN10764	ChrI_A_nidulans_FGSC_A4:1623697-1624593	WT_5hasex	WT_veg	OK	4,82516	8,20709	0,766293	-0,959881	0,337115	0,613056	no
AN10765	ChrI_A_nidulans_FGSC_A4:1493794-1495131	WT_5hasex	WT_veg	OK	217,648	392,151	0,849415	-1,63954	0,1011	0,291733	no
AN10766	ChrI_A_nidulans_FGSC_A4:1478704-1479704	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10768	ChrI_A_nidulans_FGSC_A4:1477131-1478601	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10769	ChrI_A_nidulans_FGSC_A4:1319827-1323371	WT_5hasex	WT_veg	OK	20,1478	79,3222	1,9771	-4,05879	4,9328E-05	0,00059123	yes
AN1077	ChrVIII_A_nidulans_FGSC_A4:1585482-1587967	WT_5hasex	WT_veg	OK	5,30899	1,20099	-2,14421	2,66937	0,00759929	0,0418472	yes
AN10770	ChrI_A_nidulans_FGSC_A4:1257568-1258599	WT_5hasex	WT_veg	NOTEST	1,59113	3,46337	1,12213	-1,12788	0,25937	1	no

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AN10771	ChrI_A_nidulans_FGSC_A4:1323745-1325376	WT_5hasex	WT_veg	OK	50,8803	279,815	2,45929	-5,10593	3,2917E-07	6,8205E-06	yes
AN10773	ChrI_A_nidulans_FGSC_A4:1242542-1243031	WT_5hasex	WT_veg	OK	5,629	75,8191	3,75161	-5,02908	4,9285E-07	9,7384E-06	yes
AN10775	ChrI_A_nidulans_FGSC_A4:1255783-1257297	WT_5hasex	WT_veg	OK	2,26945	8,67928	1,93523	-2,58982	0,00960263	0,0504458	no
AN10777	ChrI_A_nidulans_FGSC_A4:1000668-1002276	WT_5hasex	WT_veg	OK	6,20562	11,588	0,900984	-1,38193	0,166994	0,406089	no
AN10778	ChrI_A_nidulans_FGSC_A4:973326-975178	WT_5hasex	WT_veg	OK	58,7977	152,842	1,37821	-2,67118	0,00755846	0,0416837	yes
AN10779	ChrI_A_nidulans_FGSC_A4:923606-925852	WT_5hasex	WT_veg	OK	15,6429	26,5085	0,760948	-1,44878	0,1474	0,374965	no
AN1078	ChrVIII_A_nidulans_FGSC_A4:1583652-1584521	WT_5hasex	WT_veg	NOTEST	0,257359	3,15791	3,61712	-1,70466	0,088257	1	no
AN10780	ChrI_A_nidulans_FGSC_A4:898258-900309	WT_5hasex	WT_veg	OK	13,3506	30,2861	1,18175	-2,15114	0,0314651	0,125971	no
AN10781	ChrI_A_nidulans_FGSC_A4:893705-894614	WT_5hasex	WT_veg	OK	79,909	155,833	0,963566	-1,97929	0,0477836	0,172176	no
AN10782	ChrI_A_nidulans_FGSC_A4:880687-881831	WT_5hasex	WT_veg	OK	70,1543	1242,14	4,14615	-8,3601	0	0	yes
AN10783	ChrI_A_nidulans_FGSC_A4:999111-1000243	WT_5hasex	WT_veg	OK	120,246	268,79	1,1605	-2,31298	0,0207237	0,091604	no
AN10784	ChrI_A_nidulans_FGSC_A4:895053-896716	WT_5hasex	WT_veg	OK	12,6215	15,9272	0,335607	-0,590505	0,554852	0,785141	no
AN10785	ChrI_A_nidulans_FGSC_A4:879426-880375	WT_5hasex	WT_veg	OK	47,823	101,018	1,07884	-2,12097	0,0339245	0,133462	no
AN10787	ChrI_A_nidulans_FGSC_A4:1150320-1151669	WT_5hasex	WT_veg	OK	2,4122	15,2715	-0,659508	0,621694	0,534143	0,772355	no
AN10788	ChrI_A_nidulans_FGSC_A4:969569-972688	WT_5hasex	WT_veg	OK	17,0191	31,5395	0,890004	-1,80127	0,0716601	0,229265	no
AN10789	ChrI_A_nidulans_FGSC_A4:919858-922470	WT_5hasex	WT_veg	OK	5,86966	11,1321	0,923381	-1,48016	0,13883	0,360544	no
AN1079	ChrVIII_A_nidulans_FGSC_A4:1577373-1579771	WT_5hasex	WT_veg	OK	12,0893	30,6463	1,34198	-2,5665	0,0102729	0,0532149	no
AN10790	ChrI_A_nidulans_FGSC_A4:897552-898032	WT_5hasex	WT_veg	OK	27,1106	25,4817	-0,0893921	0,136223	0,891645	0,958795	no
AN10791	ChrI_A_nidulans_FGSC_A4:858479-860859	WT_5hasex	WT_veg	OK	23,0236	34,4897	0,583053	-1,17421	0,24031	0,506099	no
AN10792	ChrI_A_nidulans_FGSC_A4:847628-849552	WT_5hasex	WT_veg	OK	45,8523	165,26	1,84967	-3,85253	0,00011691	0,00125895	yes
AN10793	ChrI_A_nidulans_FGSC_A4:834553-835804	WT_5hasex	WT_veg	OK	18,3493	33,9279	0,886746	-1,56922	0,116597	0,321236	no
AN10794	ChrI_A_nidulans_FGSC_A4:853836-857632	WT_5hasex	WT_veg	OK	8,75811	26,6659	1,60631	-3,13871	0,00169693	0,0121712	yes
AN10795	ChrI_A_nidulans_FGSC_A4:845032-846749	WT_5hasex	WT_veg	OK	7,32445	23,4786	1,68055	-2,5573	0,0105487	0,0543161	no
AN10796	ChrI_A_nidulans_FGSC_A4:832650-834344	WT_5hasex	WT_veg	NOTEST	1,13135	1,39245	0,299579	-0,22242	0,823987	1	no
AN10797	ChrI_A_nidulans_FGSC_A4:661430-662667	WT_5hasex	WT_veg	OK	98,5835	86,3677	-0,190854	0,381751	0,702646	0,870965	no
AN10798	ChrI_A_nidulans_FGSC_A4:577040-578346	WT_5hasex	WT_veg	OK	26,2335	154,782	2,56076	-4,97655	6,4729E-07	1,247E-05	yes
AN10799	ChrI_A_nidulans_FGSC_A4:528658-531107	WT_5hasex	WT_veg	OK	13,5081	37,7043	1,4809	-2,86628	0,00415328	0,0255776	yes
AN1080	ChrVIII_A_nidulans_FGSC_A4:1576282-1577153	WT_5hasex	WT_veg	OK	12,7821	39,6783	1,63422	-2,60514	0,0091836	0,0486936	yes
AN10800	ChrI_A_nidulans_FGSC_A4:486843-488349	WT_5hasex	WT_veg	OK	28,3494	44,0353	0,635341	-1,2553	0,20937	0,467186	no
AN10801	ChrI_A_nidulans_FGSC_A4:461139-463960	WT_5hasex	WT_veg	OK	15,5268	18,2118	0,230117	-0,450353	0,652456	0,843094	no
AN10802	ChrI_A_nidulans_FGSC_A4:730823-731405	WT_5hasex	WT_veg	OK	29,1915	45,1103	0,627907	-1,02462	0,305544	0,58159	no
AN10803	ChrI_A_nidulans_FGSC_A4:744279-745111	WT_5hasex	WT_veg	OK	1290,79	1201,9	-0,102945	0,187518	0,851254	0,941462	no
AN10804	ChrI_A_nidulans_FGSC_A4:662952-664402	WT_5hasex	WT_veg	OK	36,5746	40,1688	0,135235	-0,258206	0,796248	0,917396	no
AN10805	ChrI_A_nidulans_FGSC_A4:665125-667566	WT_5hasex	WT_veg	OK	7,21456	10,9429	0,601016	-0,947493	0,343388	0,618843	no
AN10806	ChrI_A_nidulans_FGSC_A4:574981-576731	WT_5hasex	WT_veg	OK	35,8036	116,318	1,69989	-3,43075	0,00060191	0,00510044	yes
AN10807	ChrI_A_nidulans_FGSC_A4:523273-526688	WT_5hasex	WT_veg	OK	57,1772	97,985	0,777122	-1,60603	0,108267	0,306191	no
AN10808	ChrI_A_nidulans_FGSC_A4:488897-490661	WT_5hasex	WT_veg	OK	10,3895	15,9739	0,620589	-1,05877	0,289706	0,564461	no
AN10809	ChrI_A_nidulans_FGSC_A4:464158-465163	WT_5hasex	WT_veg	OK	94,2979	235,754	1,32199	-2,65564	0,00791571	0,0431992	yes
AN1081	ChrVIII_A_nidulans_FGSC_A4:1574603-1575420	WT_5hasex	WT_veg	OK	32,3074	87,292	1,43399	-2,57691	0,00996893	0,0520052	no
AN10812	ChrI_A_nidulans_FGSC_A4:64525-67115	WT_5hasex	WT_veg	OK	2,52696	10,2004	2,01315	-2,88858	0,00386985	0,0241472	yes
AN10813	ChrI_A_nidulans_FGSC_A4:10376-11942	WT_5hasex	WT_veg	NOTEST	0,454655	0,821305	0,853144	-0,638285	0,523288	1	no
AN10814	ChrI_A_nidulans_FGSC_A4:1882-4080	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10815	ChrI_A_nidulans_FGSC_A4:71209-72181	WT_5hasex	WT_veg	OK	7,96655	14,7079	0,884568	-1,16238	0,245081	0,512705	no
AN10816	ChrI_A_nidulans_FGSC_A4:203166-203948	WT_5hasex	WT_veg	OK	66,4326	75,1895	0,178639	-0,303898	0,761206	0,901337	no
AN10818	ChrI_A_nidulans_FGSC_A4:232509-232965	WT_5hasex	WT_veg	NOTEST	0,42775	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN10819	ChrI_A_nidulans_FGSC_A4:68003-70333	WT_5hasex	WT_veg	OK	2,31928	4,31069	0,894239	-1,18277	0,236902	0,502312	no
AN1082	ChrVIII_A_nidulans_FGSC_A4:1572365-1574456	WT_5hasex	WT_veg	OK	99,893	186,321	0,899333	-1,82137	0,0685502	0,222205	no
AN10820	ChrI_A_nidulans_FGSC_A4:12075-13418	WT_5hasex	WT_veg	OK	5,31414	1,75901	-1,59508	1,72256	0,084969	0,258613	no
AN10821	ChrI_A_nidulans_FGSC_A4:4350-5615	WT_5hasex	WT_veg	NOTEST	0,211401	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN10822	ChrI_A_nidulans_FGSC_A4:2294271-2296488	WT_5hasex	WT_veg	OK	43,6619	97,8553	1,16427	-2,39486	0,0166266	0,0774322	no
AN10823	ChrI_A_nidulans_FGSC_A4:2305056-2306350	WT_5hasex	WT_veg	OK	38,255	115,766	1,59749	-3,15275	0,0016174	0,0117	yes
AN10824	ChrI_A_nidulans_FGSC_A4:2333495-2336204	WT_5hasex	WT_veg	OK	56,6512	113,251	0,999345	-2,07897	0,0376201	0,144102	no
AN10825	ChrI_A_nidulans_FGSC_A4:2353070-2354949	WT_5hasex	WT_veg	OK	26,6632	31,1335	0,223619	-0,429956	0,667228	0,851194	no

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AN10826	ChrI_A_nidulans_FGSC_A4:2296746-2299444	WT_5hasex	WT_veg	OK	58,8295	118,075	1,0051	-1,89877	0,0575953	0,19616	no
AN10827	ChrI_A_nidulans_FGSC_A4:2301603-2302315	WT_5hasex	WT_veg	OK	63,018	153,421	1,28366	-2,53719	0,0111748	0,0568318	no
AN10828	ChrI_A_nidulans_FGSC_A4:2304109-2304783	WT_5hasex	WT_veg	OK	547,024	971,575	0,828721	-1,66681	0,0955516	0,2804	no
AN10829	ChrI_A_nidulans_FGSC_A4:2270141-2271288	WT_5hasex	WT_veg	OK	32,9504	45,5481	0,467093	-0,903472	0,366276	0,641111	no
AN1083	ChrVIII_A_nidulans_FGSC_A4:1571352-1572039	WT_5hasex	WT_veg	OK	32,2497	59,0836	0,873473	-1,57098	0,116188	0,320429	no
AN10830	ChrI_A_nidulans_FGSC_A4:2421445-2421889	WT_5hasex	WT_veg	OK	2,04568	11,2177	2,45512	-2,3989	0,0164443	0,0767811	no
AN10832	ChrI_A_nidulans_FGSC_A4:2336844-2339580	WT_5hasex	WT_veg	OK	14,1219	13,7776	-0,0356074	0,069074	0,944931	0,979356	no
AN10833	ChrI_A_nidulans_FGSC_A4:2350542-2352393	WT_5hasex	WT_veg	OK	13,5109	17,1368	0,342972	-0,569647	0,568917	0,794658	no
AN10835	ChrI_A_nidulans_FGSC_A4:2601209-2602210	WT_5hasex	WT_veg	OK	17,6581	71,4697	2,017	-3,49195	0,0004795	0,00420239	yes
AN10836	ChrI_A_nidulans_FGSC_A4:2647714-2649369	WT_5hasex	WT_veg	NOTEST	1,28965	3,66228	1,50576	-1,75553	0,0791695	1	no
AN10837	ChrI_A_nidulans_FGSC_A4:2693171-2695697	WT_5hasex	WT_veg	OK	43,5378	388,924	3,15915	-6,17304	6,6988E-10	2,4462E-08	yes
AN10838	ChrI_A_nidulans_FGSC_A4:2766938-2771233	WT_5hasex	WT_veg	OK	22,2443	14,0469	-0,663185	1,3095	0,190365	0,441214	no
AN10839	ChrI_A_nidulans_FGSC_A4:2602457-2603767	WT_5hasex	WT_veg	OK	87,0929	270,601	1,63554	-3,25075	0,00115103	0,00881556	yes
AN1084	ChrVIII_A_nidulans_FGSC_A4:1569114-1570966	WT_5hasex	WT_veg	OK	258,309	542,648	1,07092	-2,03438	0,0419128	0,156067	no
AN10840	ChrI_A_nidulans_FGSC_A4:2691580-2693089	WT_5hasex	WT_veg	OK	17,2573	101,307	2,55346	-4,64162	3,4569E-06	5,5739E-05	yes
AN10841	ChrI_A_nidulans_FGSC_A4:2571843-2573084	WT_5hasex	WT_veg	OK	30,4853	34,3412	0,17183	-0,327109	0,743586	0,892156	no
AN10842	ChrI_A_nidulans_FGSC_A4:2646242-2647362	WT_5hasex	WT_veg	OK	23,9572	55,2976	1,20675	-2,14962	0,0315854	0,126279	no
AN10843	ChrI_A_nidulans_FGSC_A4:2765658-2766589	WT_5hasex	WT_veg	OK	32,4389	27,2546	-0,251225	0,451769	0,651435	0,842504	no
AN10845	ChrI_A_nidulans_FGSC_A4:2981119-2983706	WT_5hasex	WT_veg	OK	2,44305	1,28461	-0,927347	1,04077	0,297984	0,573174	no
AN10846	ChrI_A_nidulans_FGSC_A4:3207539-3212351	WT_5hasex	WT_veg	OK	7,695	10,6862	0,473756	-0,914818	0,360287	0,634913	no
AN10847	ChrI_A_nidulans_FGSC_A4:2954887-2955813	WT_5hasex	WT_veg	OK	2251,29	10139,4	2,17115	-3,14385	0,0016674	0,0120004	yes
AN10848	ChrI_A_nidulans_FGSC_A4:2978479-2980388	WT_5hasex	WT_veg	OK	21,3676	56,9445	1,41413	-2,60877	0,00908679	0,0482927	yes
AN1085	ChrVIII_A_nidulans_FGSC_A4:1565665-1568636	WT_5hasex	WT_veg	OK	65,6915	95,7021	0,542843	-1,11712	0,263944	0,534884	no
AN10851	ChrI_A_nidulans_FGSC_A4:3005409-3005988	WT_5hasex	WT_veg	OK	8,6257	16,1898	0,908368	-1,26018	0,207604	0,46485	no
AN10854	ChrI_A_nidulans_FGSC_A4:3372847-3374747	WT_5hasex	WT_veg	OK	57,5712	78,561	0,448465	-0,921356	0,356865	0,632099	no
AN10855	ChrI_A_nidulans_FGSC_A4:3383450-3385647	WT_5hasex	WT_veg	OK	14,4512	27,6615	0,93669	-1,75855	0,0786533	0,244837	no
AN10856	ChrI_A_nidulans_FGSC_A4:3529534-3533165	WT_5hasex	WT_veg	OK	28,1116	93,5106	1,73397	-3,58824	0,00033291	0,00307459	yes
AN10857	ChrI_A_nidulans_FGSC_A4:3386073-3386799	WT_5hasex	WT_veg	OK	49,256	128,509	1,3835	-2,68135	0,00733256	0,0406475	yes
AN10858	ChrI_A_nidulans_FGSC_A4:3528628-3529183	WT_5hasex	WT_veg	OK	105,72	296,163	1,48614	-3,01212	0,0025943	0,0173313	yes
AN10860	ChrI_A_nidulans_FGSC_A4:3375801-3376386	WT_5hasex	WT_veg	NOTEST	0,653545	1,71636	1,39299	-0,767076	0,443036	1	no
AN10861	ChrI_A_nidulans_FGSC_A4:3590922-3592549	WT_5hasex	WT_veg	OK	2,57637	5,95217	1,20808	-1,46249	0,143607	0,368689	no
AN10862	ChrI_A_nidulans_FGSC_A4:3636822-3638500	WT_5hasex	WT_veg	OK	7,3313	21,714	1,56648	-2,54533	0,0109175	0,055798	no
AN10863	ChrI_A_nidulans_FGSC_A4:3641603-3643000	WT_5hasex	WT_veg	OK	142,625	92,1383	-0,630359	1,28879	0,197472	0,451058	no
AN10864	ChrI_A_nidulans_FGSC_A4:3639064-3640017	WT_5hasex	WT_veg	OK	32,536	131,475	2,01468	-3,76105	0,0001692	0,00172703	yes
AN10865	ChrI_A_nidulans_FGSC_A4:3640314-3641042	WT_5hasex	WT_veg	OK	26,9694	100,839	1,90265	-3,16498	0,00155095	0,0113005	yes
AN10866	ChrI_A_nidulans_FGSC_A4:3592945-3594392	WT_5hasex	WT_veg	OK	23,0813	73,107	1,66329	-3,20415	0,00135461	0,0100995	yes
AN10868	ChrI_A_nidulans_FGSC_A4:3597828-3599560	WT_5hasex	WT_veg	NOTEST	0	0,537998	1.79769e+308	1.79769e+308	0,123323	1	no
AN10869	ChrI_A_nidulans_FGSC_A4:3711212-3713408	WT_5hasex	WT_veg	OK	2,27527	5,34428	1,23196	-1,44193	0,149321	0,377842	no
AN10870	ChrI_A_nidulans_FGSC_A4:3708970-3711179	WT_5hasex	WT_veg	NOTEST	0,666827	2,13864	1,68131	-1,5292	0,126216	1	no
AN10871	ChrIV_A_nidulans_FGSC_A4:1406120-1406665	WT_5hasex	WT_veg	OK	70,8189	159,341	1,16991	-2,2226	0,0262426	0,109523	no
AN10872	ChrIV_A_nidulans_FGSC_A4:1386458-1388702	WT_5hasex	WT_veg	OK	53,7035	91,6199	0,770646	-1,60508	0,108477	0,306536	no
AN10873	ChrIV_A_nidulans_FGSC_A4:1380025-1381832	WT_5hasex	WT_veg	OK	146,02	200,245	0,4556	-0,907578	0,364101	0,638948	no
AN10874	ChrIV_A_nidulans_FGSC_A4:1378519-1379881	WT_5hasex	WT_veg	OK	86,7799	178,981	1,04437	-2,16964	0,0300342	0,121486	no
AN10875	ChrIV_A_nidulans_FGSC_A4:1375400-1376590	WT_5hasex	WT_veg	OK	31,5079	26,822	-0,232293	0,426606	0,669666	0,852295	no
AN10876	ChrIV_A_nidulans_FGSC_A4:1235624-1237229	WT_5hasex	WT_veg	NOTEST	0,936023	0,575485	-0,701767	0,456571	0,64798	1	no
AN10877	ChrIV_A_nidulans_FGSC_A4:1388936-1391286	WT_5hasex	WT_veg	OK	46,0841	184,568	2,00181	-4,16596	3,1005E-05	0,00039464	yes
AN10878	ChrIV_A_nidulans_FGSC_A4:1381940-1383142	WT_5hasex	WT_veg	OK	58,7082	76,1111	0,374546	-0,761296	0,44648	0,709568	no
AN10879	ChrIV_A_nidulans_FGSC_A4:1377284-1378354	WT_5hasex	WT_veg	OK	39,8596	92,1632	1,20926	-2,3618	0,0181864	0,0827641	no
AN1088	ChrVIII_A_nidulans_FGSC_A4:1556048-1559472	WT_5hasex	WT_veg	OK	65,727	372,654	2,50328	-5,13733	2,7867E-07	5,8646E-06	yes
AN10880	ChrIV_A_nidulans_FGSC_A4:1238224-1239151	WT_5hasex	WT_veg	OK	154,927	496,485	1,68016	-3,33717	0,00084637	0,00681908	yes
AN10882	ChrIV_A_nidulans_FGSC_A4:1372978-1375135	WT_5hasex	WT_veg	OK	24,8919	46,3112	0,895686	-1,79641	0,0724293	0,230965	no
AN10883	ChrIV_A_nidulans_FGSC_A4:1146497-1147612	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10884	ChrIV_A_nidulans_FGSC_A4:1131716-1134001	WT_5hasex	WT_veg	NOTEST	1,95904	1,23995	-0,659868	0,723556	0,469339	1	no

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AN10885	ChrIV_A_nidulans_FGSC_A4:1098587-1100204	WT_5hasex	WT_veg	OK	5,56074	9,10431	0,711272	-1,08879	0,276246	0,549306	no
AN10886	ChrIV_A_nidulans_FGSC_A4:1091125-1092711	WT_5hasex	WT_veg	OK	10,1812	5,8901	-0,789542	1,14926	0,250448	0,51892	no
AN10888	ChrIV_A_nidulans_FGSC_A4:1143995-1145836	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10889	ChrIV_A_nidulans_FGSC_A4:1134036-1135110	WT_5hasex	WT_veg	OK	2,92439	0,819211	-1,83583	1,29325	0,195924	0,448684	no
AN1089	ChrVIII_A_nidulans_FGSC_A4:1556048-1559472	WT_5hasex	WT_veg	OK	134,198	477,725	1,83182	-3,59469	0,00032477	0,00301217	yes
AN10890	ChrIV_A_nidulans_FGSC_A4:1100253-1100746	WT_5hasex	WT_veg	OK	4,91644	12,5465	1,3516	-1,60597	0,10828	0,306194	no
AN10891	ChrIV_A_nidulans_FGSC_A4:1031995-1033820	WT_5hasex	WT_veg	NOTEST	0,355941	0,63187	0,827992	-0,604002	0,545842	1	no
AN10892	ChrIV_A_nidulans_FGSC_A4:1019565-1020860	WT_5hasex	WT_veg	OK	15,1374	34,4501	1,18639	-2,08431	0,0371324	0,142759	no
AN10893	ChrIV_A_nidulans_FGSC_A4:979030-981652	WT_5hasex	WT_veg	OK	7,14776	2,53482	-1,49561	2,31506	0,0206095	0,0912375	no
AN10894	ChrIV_A_nidulans_FGSC_A4:924333-925478	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10895	ChrIV_A_nidulans_FGSC_A4:977258-978718	WT_5hasex	WT_veg	NOTEST	0,584467	1,87088	1,67853	-1,54424	0,122529	1	no
AN10896	ChrIV_A_nidulans_FGSC_A4:1021100-1021863	WT_5hasex	WT_veg	NOTEST	1,95858	3,2994	0,752398	-0,688452	0,491168	1	no
AN10897	ChrIV_A_nidulans_FGSC_A4:1034246-1036299	WT_5hasex	WT_veg	NOTEST	0,0935853	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN10898	ChrIV_A_nidulans_FGSC_A4:1037114-1038996	WT_5hasex	WT_veg	NOTEST	0,784335	1,16311	0,568443	-0,454505	0,649465	1	no
AN10899	ChrIV_A_nidulans_FGSC_A4:925583-926464	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1090	ChrVIII_A_nidulans_FGSC_A4:1552441-1553774	WT_5hasex	WT_veg	OK	23,3895	73,4337	1,65058	-3,09268	0,00198361	0,0138816	yes
AN10900	ChrIV_A_nidulans_FGSC_A4:892691-894517	WT_5hasex	WT_veg	OK	2,62136	5,04688	0,945076	-1,24273	0,213966	0,473331	no
AN10901	ChrIV_A_nidulans_FGSC_A4:882622-886039	WT_5hasex	WT_veg	OK	22,891	99,1996	2,11555	-4,05261	5,0649E-05	0,00060527	yes
AN10902	ChrIV_A_nidulans_FGSC_A4:798204-799345	WT_5hasex	WT_veg	OK	21,5165	26,3695	0,293426	-0,519003	0,603759	0,815564	no
AN10903	ChrIV_A_nidulans_FGSC_A4:886484-888338	WT_5hasex	WT_veg	OK	44,6979	484,947	3,43955	-6,11078	9,9146E-10	3,5152E-08	yes
AN10905	ChrIV_A_nidulans_FGSC_A4:799794-802039	WT_5hasex	WT_veg	OK	51,2996	54,2149	0,0797426	-0,16122	0,87192	0,950833	no
AN10906	ChrIV_A_nidulans_FGSC_A4:674176-676326	WT_5hasex	WT_veg	OK	47,0787	25,2527	-0,898633	1,62383	0,104412	0,298445	no
AN10907	ChrIV_A_nidulans_FGSC_A4:670519-671113	WT_5hasex	WT_veg	OK	2,46621	3,84056	0,639022	-0,554606	0,579164	0,800616	no
AN10908	ChrIV_A_nidulans_FGSC_A4:656630-658704	WT_5hasex	WT_veg	OK	5,36644	2,84981	-0,9131	1,22755	0,219617	0,480878	no
AN10909	ChrIV_A_nidulans_FGSC_A4:623262-624328	WT_5hasex	WT_veg	OK	8,76365	13,6232	0,636464	-0,950715	0,341749	0,61738	no
AN10910	ChrIV_A_nidulans_FGSC_A4:616237-619313	WT_5hasex	WT_veg	OK	75,7343	25,7453	-1,55664	3,14815	0,00164305	0,0118561	yes
AN10911	ChrIV_A_nidulans_FGSC_A4:676611-678269	WT_5hasex	WT_veg	OK	13,5361	17,67	0,384489	-0,660802	0,50874	0,755394	no
AN10912	ChrIV_A_nidulans_FGSC_A4:671707-673113	WT_5hasex	WT_veg	OK	5,26442	8,42842	0,678987	-0,978821	0,327668	0,60402	no
AN10913	ChrIV_A_nidulans_FGSC_A4:654932-656332	WT_5hasex	WT_veg	OK	28,8705	17,5983	-0,714158	1,31391	0,188878	0,438984	no
AN10914	ChrIV_A_nidulans_FGSC_A4:652970-654698	WT_5hasex	WT_veg	OK	16,5545	8,37313	-0,983387	1,66008	0,0968978	0,282908	no
AN10915	ChrIV_A_nidulans_FGSC_A4:621809-622987	WT_5hasex	WT_veg	OK	31,1908	33,6495	0,109463	-0,209464	0,834086	0,93403	no
AN10916	ChrIV_A_nidulans_FGSC_A4:614767-615775	WT_5hasex	WT_veg	OK	2,52525	1,83802	-0,458276	0,383577	0,701292	0,870132	no
AN10917	ChrIV_A_nidulans_FGSC_A4:540957-544506	WT_5hasex	WT_veg	OK	9,91685	11,0049	0,150198	-0,288882	0,772672	0,90678	no
AN10918	ChrIV_A_nidulans_FGSC_A4:538013-540643	WT_5hasex	WT_veg	OK	46,5198	96,9573	1,0595	-2,13429	0,0328193	0,130009	no
AN10919	ChrIV_A_nidulans_FGSC_A4:461576-462782	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1092	ChrVIII_A_nidulans_FGSC_A4:1546066-1547665	WT_5hasex	WT_veg	OK	29,0728	117,248	2,01182	-3,98377	6,7832E-05	0,00078225	yes
AN10920	ChrIV_A_nidulans_FGSC_A4:449225-450991	WT_5hasex	WT_veg	NOTEST	1,74655	1,76149	0,0122899	-0,0137006	0,989069	1	no
AN10921	ChrIV_A_nidulans_FGSC_A4:443757-448621	WT_5hasex	WT_veg	OK	28,2241	7,06379	-1,99841	4,10096	4,1143E-05	0,00050546	yes
AN10922	ChrIV_A_nidulans_FGSC_A4:417567-418912	WT_5hasex	WT_veg	OK	79,8696	178,072	1,15674	-2,35502	0,0185215	0,0839662	no
AN10923	ChrIV_A_nidulans_FGSC_A4:351795-353879	WT_5hasex	WT_veg	OK	41,2594	84,7091	1,03779	-2,11119	0,0347557	0,135956	no
AN10924	ChrIV_A_nidulans_FGSC_A4:337166-339047	WT_5hasex	WT_veg	OK	27,4907	28,7614	0,0651887	-0,131395	0,895463	0,959985	no
AN10925	ChrIV_A_nidulans_FGSC_A4:349868-351427	WT_5hasex	WT_veg	OK	10,9629	6,8298	-0,682714	1,108	0,267861	0,539738	no
AN10927	ChrIV_A_nidulans_FGSC_A4:335065-336958	WT_5hasex	WT_veg	OK	3,03807	6,53324	1,10464	-1,57396	0,115496	0,319194	no
AN10928	ChrIV_A_nidulans_FGSC_A4:415936-417282	WT_5hasex	WT_veg	OK	4,09659	5,74045	0,486741	-0,581775	0,560718	0,789459	no
AN10929	ChrIV_A_nidulans_FGSC_A4:264667-266548	WT_5hasex	WT_veg	OK	51,0448	111,098	1,122	-2,33415	0,0195879	0,0877005	no
AN1093	ChrVIII_A_nidulans_FGSC_A4:1542736-1545610	WT_5hasex	WT_veg	OK	61,4956	121,007	0,976537	-2,0208	0,0433009	0,159939	no
AN10930	ChrIV_A_nidulans_FGSC_A4:200562-202216	WT_5hasex	WT_veg	OK	1,67744	8,62591	2,36241	-3,14638	0,00165302	0,01191	yes
AN10931	ChrIV_A_nidulans_FGSC_A4:162503-164512	WT_5hasex	WT_veg	NOTEST	0,125538	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN10932	ChrIV_A_nidulans_FGSC_A4:148830-150283	WT_5hasex	WT_veg	OK	23,9841	32,0342	0,417536	-0,654801	0,512596	0,757798	no
AN10933	ChrIV_A_nidulans_FGSC_A4:128663-130243	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10934	ChrIV_A_nidulans_FGSC_A4:262665-264265	WT_5hasex	WT_veg	OK	28,6011	33,7424	0,238493	-0,473114	0,636132	0,833704	no
AN10935	ChrIV_A_nidulans_FGSC_A4:150477-152919	WT_5hasex	WT_veg	OK	7,99476	4,55729	-0,81088	1,25336	0,210074	0,468173	no
AN10936	ChrIV_A_nidulans_FGSC_A4:202510-204288	WT_5hasex	WT_veg	OK	8,94579	38,6573	2,11146	-3,60086	0,00031717	0,00295503	yes

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AN10937	ChrIV_A_nidulans_FGSC_A4:160793-162277	WT_5hasex	WT_veg	OK	30,6853	24,9046	-0,301132	0,479199	0,631797	0,831394	no
AN10938	ChrIV_A_nidulans_FGSC_A4:159383-160422	WT_5hasex	WT_veg	OK	2,06662	4,00384	0,954108	-1,03567	0,300355	0,576007	no
AN10939	ChrIV_A_nidulans_FGSC_A4:130993-131906	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10940	ChrIV_A_nidulans_FGSC_A4:1514375-1518102	WT_5hasex	WT_veg	OK	26,2569	78,3263	1,5768	-2,91926	0,00350867	0,0223099	yes
AN10941	ChrIV_A_nidulans_FGSC_A4:1561774-1565166	WT_5hasex	WT_veg	OK	85,8204	161,655	0,913525	-1,85203	0,0640209	0,211541	no
AN10942	ChrIV_A_nidulans_FGSC_A4:1574916-1576946	WT_5hasex	WT_veg	OK	89,095	130,347	0,548945	-1,13056	0,258241	0,528154	no
AN10943	ChrIV_A_nidulans_FGSC_A4:1712410-1713918	WT_5hasex	WT_veg	OK	20,8717	124,111	2,572	-4,75193	2,0148E-06	3,4616E-05	yes
AN10944	ChrIV_A_nidulans_FGSC_A4:1714079-1716760	WT_5hasex	WT_veg	OK	31,5198	62,4258	0,985884	-2,04198	0,0411533	0,153938	no
AN10945	ChrIV_A_nidulans_FGSC_A4:1786260-1787271	WT_5hasex	WT_veg	OK	191,497	393,151	1,03777	-1,99451	0,0460959	0,167593	no
AN10946	ChrIV_A_nidulans_FGSC_A4:1792005-1794595	WT_5hasex	WT_veg	OK	47,3986	92,6695	0,967252	-2,01424	0,0439848	0,161724	no
AN10947	ChrIV_A_nidulans_FGSC_A4:1838964-1840038	WT_5hasex	WT_veg	OK	25,1363	45,326	0,850564	-1,58182	0,11369	0,316053	no
AN10948	ChrIV_A_nidulans_FGSC_A4:1998111-1999689	WT_5hasex	WT_veg	OK	2,11403	5,42006	1,35831	-1,62652	0,103839	0,297439	no
AN10949	ChrIV_A_nidulans_FGSC_A4:2027691-2032634	WT_5hasex	WT_veg	OK	7,45148	19,828	1,41194	-2,46712	0,0136203	0,0663813	no
AN1095	ChrVIII_A_nidulans_FGSC_A4:1535731-1536846	WT_5hasex	WT_veg	OK	58,4065	160,041	1,45424	-2,96265	0,00305004	0,01982	yes
AN10951	ChrIV_A_nidulans_FGSC_A4:2075140-2076950	WT_5hasex	WT_veg	NOTEST	0,903458	2,81958	1,64195	-1,77748	0,0754889	1	no
AN10952	ChrIV_A_nidulans_FGSC_A4:2117669-2119696	WT_5hasex	WT_veg	OK	7,14124	8,62972	0,273139	-0,447661	0,654398	0,844089	no
AN10953	ChrIV_A_nidulans_FGSC_A4:1569557-1571010	WT_5hasex	WT_veg	OK	25,7199	50,5568	0,975018	-1,82959	0,0673117	0,219317	no
AN10954	ChrIV_A_nidulans_FGSC_A4:1571321-1574268	WT_5hasex	WT_veg	OK	25,516	43,8973	0,782732	-1,56747	0,117004	0,322053	no
AN10955	ChrIV_A_nidulans_FGSC_A4:1711086-1712137	WT_5hasex	WT_veg	OK	33,6513	79,1938	1,23473	-2,34323	0,0191178	0,0859924	no
AN10956	ChrIV_A_nidulans_FGSC_A4:1716996-1718978	WT_5hasex	WT_veg	OK	38,0659	134,135	1,81711	-3,7361	0,0001869	0,0018798	yes
AN10957	ChrIV_A_nidulans_FGSC_A4:1783309-1785703	WT_5hasex	WT_veg	OK	2,23686	3,73851	0,740989	-1,03421	0,30104	0,576753	no
AN10958	ChrIV_A_nidulans_FGSC_A4:1781304-1783159	WT_5hasex	WT_veg	OK	3,10571	6,68309	1,10559	-1,5368	0,124342	0,335191	no
AN10959	ChrIV_A_nidulans_FGSC_A4:1794854-1797121	WT_5hasex	WT_veg	OK	4,14125	8,52325	1,04134	-1,50027	0,133544	0,351709	no
AN1096	ChrVIII_A_nidulans_FGSC_A4:1532995-1534971	WT_5hasex	WT_veg	OK	49,7446	144,718	1,54063	-3,25205	0,00114576	0,00878162	yes
AN10960	ChrIV_A_nidulans_FGSC_A4:1840460-1841772	WT_5hasex	WT_veg	OK	10,1079	56,21	2,47535	-4,07815	4,5395E-05	0,00055062	yes
AN10961	ChrIV_A_nidulans_FGSC_A4:1995604-1997794	WT_5hasex	WT_veg	NOTEST	1,49279	3,37196	1,17558	-1,45644	0,145272	1	no
AN10962	ChrIV_A_nidulans_FGSC_A4:2060194-2062794	WT_5hasex	WT_veg	OK	7,41844	20,8786	1,49284	-2,65621	0,00790248	0,043145	yes
AN10963	ChrIV_A_nidulans_FGSC_A4:2059059-2059709	WT_5hasex	WT_veg	OK	218,61	206,564	-0,0817684	0,167384	0,867068	0,949097	no
AN10964	ChrIV_A_nidulans_FGSC_A4:2055592-2058784	WT_5hasex	WT_veg	OK	111,565	202,345	0,858925	-1,47896	0,13915	0,361139	no
AN10965	ChrIV_A_nidulans_FGSC_A4:2119988-2120846	WT_5hasex	WT_veg	OK	163,592	581,917	1,83071	-3,79784	0,00014596	0,00151939	yes
AN10966	ChrIV_A_nidulans_FGSC_A4:2121126-2122148	WT_5hasex	WT_veg	OK	136,934	233,927	0,772582	-1,60009	0,109578	0,308526	no
AN10967	ChrIV_A_nidulans_FGSC_A4:1527770-1528331	WT_5hasex	WT_veg	OK	42,1779	117,055	1,47263	-2,61872	0,00882594	0,0472176	yes
AN10968	ChrIV_A_nidulans_FGSC_A4:1774893-1775429	WT_5hasex	WT_veg	OK	4,95985	6,12458	0,304316	-0,339952	0,733893	0,887712	no
AN10969	ChrIV_A_nidulans_FGSC_A4:2069779-2073580	WT_5hasex	WT_veg	NOTEST	1,85613	3,59125	0,952186	-0,914099	0,360665	1	no
AN1097	ChrVIII_A_nidulans_FGSC_A4:1521093-1523303	WT_5hasex	WT_veg	OK	129,774	590,473	2,18587	-4,28095	1,8609E-05	0,00025089	yes
AN10970	ChrIV_A_nidulans_FGSC_A4:1727532-1729235	WT_5hasex	WT_veg	OK	40,0034	205,189	2,35876	-4,39804	1,0923E-05	0,00015537	yes
AN10971	ChrIV_A_nidulans_FGSC_A4:1512623-1514330	WT_5hasex	WT_veg	OK	12,8115	25,4963	0,992845	-1,74906	0,0802813	0,248283	no
AN10972	ChrIV_A_nidulans_FGSC_A4:2024739-2026533	WT_5hasex	WT_veg	OK	3,5875	3,00993	-0,253248	0,292279	0,770073	0,905596	no
AN10973	ChrIV_A_nidulans_FGSC_A4:2077341-2078795	WT_5hasex	WT_veg	OK	7,15209	5,41722	-0,400812	0,56008	0,575425	0,798555	no
AN10974	ChrIV_A_nidulans_FGSC_A4:2162241-2163364	WT_5hasex	WT_veg	OK	100,638	145,896	0,53576	-1,05365	0,292044	0,566803	no
AN10975	ChrIV_A_nidulans_FGSC_A4:2170510-2171497	WT_5hasex	WT_veg	OK	96,0088	290,014	1,59488	-3,30587	0,00094681	0,00751054	yes
AN10976	ChrIV_A_nidulans_FGSC_A4:2186818-2189114	WT_5hasex	WT_veg	NOTEST	0,459761	0,643265	0,484531	-0,419386	0,674934	1	no
AN10977	ChrIV_A_nidulans_FGSC_A4:2248244-2248711	WT_5hasex	WT_veg	OK	910,319	3317,91	1,86583	-3,31344	0,00092156	0,00733693	yes
AN10978	ChrIV_A_nidulans_FGSC_A4:2272462-2274122	WT_5hasex	WT_veg	OK	6,32484	13,4952	1,09334	-1,73573	0,082612	0,253516	no
AN10979	ChrIV_A_nidulans_FGSC_A4:2279257-2281367	WT_5hasex	WT_veg	OK	10,4668	12,0329	0,201164	-0,350641	0,725857	0,883545	no
AN1098	ChrVIII_A_nidulans_FGSC_A4:1520749-1521054	WT_5hasex	WT_veg	OK	4,98517	13,4531	1,43222	-1,3922	0,163861	0,401002	no
AN10980	ChrIV_A_nidulans_FGSC_A4:2292909-2294059	WT_5hasex	WT_veg	OK	21,7485	29,0692	0,418571	-0,744133	0,456796	0,71774	no
AN10981	ChrIV_A_nidulans_FGSC_A4:2298137-2299784	WT_5hasex	WT_veg	OK	642,329	785,825	0,290896	-0,379633	0,704218	0,871883	no
AN10983	ChrIV_A_nidulans_FGSC_A4:2384602-2385391	WT_5hasex	WT_veg	OK	88,0745	100,628	0,192233	-0,389578	0,696849	0,867458	no
AN10984	ChrIV_A_nidulans_FGSC_A4:2397044-2398895	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10985	ChrIV_A_nidulans_FGSC_A4:2400594-2401337	WT_5hasex	WT_veg	OK	5,14488	11,8811	1,20746	-1,44472	0,148537	0,376465	no
AN10986	ChrIV_A_nidulans_FGSC_A4:2429712-2431518	WT_5hasex	WT_veg	OK	2,24534	12,3014	2,45382	-2,80459	0,00503804	0,0299188	yes
AN10987	ChrIV_A_nidulans_FGSC_A4:2172143-2172797	WT_5hasex	WT_veg	OK	38,7793	81,265	1,06735	-1,95312	0,0508053	0,179642	no

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AN10988	ChrIV_A_nidulans_FGSC_A4:2246280-2247901	WT_5hasex	WT_veg	OK	14,0924	40,6674	1,52895	-2,57613	0,00999129	0,0520907	no
AN10989	ChrIV_A_nidulans_FGSC_A4:2270688-2272293	WT_5hasex	WT_veg	NOTEST	1,69328	1,50764	-0,167537	0,178883	0,85803	1	no
AN10990	ChrIV_A_nidulans_FGSC_A4:2300111-2301104	WT_5hasex	WT_veg	OK	35,696	98,8329	-2,46923	-2,80808	0,00498376	0,0296603	yes
AN10991	ChrIV_A_nidulans_FGSC_A4:2383205-2384092	WT_5hasex	WT_veg	OK	61,0969	266,151	2,12307	-4,27172	1,9397E-05	0,0002595	yes
AN10992	ChrIV_A_nidulans_FGSC_A4:2399816-2400432	WT_5hasex	WT_veg	OK	6,92341	20,5827	1,57188	-1,91857	0,0550384	0,189882	no
AN10993	ChrIV_A_nidulans_FGSC_A4:2309859-2311018	WT_5hasex	WT_veg	OK	7,71216	5,01773	-0,620101	0,811656	0,416989	0,685997	no
AN10994	ChrIV_A_nidulans_FGSC_A4:2274250-2274930	WT_5hasex	WT_veg	OK	42,9869	90,2143	1,06946	-1,96294	0,0496537	0,176731	no
AN10995	ChrIV_A_nidulans_FGSC_A4:2329045-2329573	WT_5hasex	WT_veg	OK	17,95	15,7709	-0,186719	0,263487	0,792175	0,915648	no
AN10996	ChrIV_A_nidulans_FGSC_A4:2163389-2165093	WT_5hasex	WT_veg	OK	106,621	220,089	1,0456	-2,02305	0,0430683	0,159237	no
AN10997	ChrIV_A_nidulans_FGSC_A4:2189164-2189808	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10998	ChrIV_A_nidulans_FGSC_A4:2278285-2278921	WT_5hasex	WT_veg	OK	14,9522	17,2361	0,205077	-0,309232	0,757145	0,899696	no
AN10999	ChrIV_A_nidulans_FGSC_A4:2291161-2292796	WT_5hasex	WT_veg	OK	28,135	37,75	0,424114	-0,840767	0,400478	0,672516	no
AN1100	ChrVIII_A_nidulans_FGSC_A4:1507180-1511248	WT_5hasex	WT_veg	OK	15,8701	20,8099	0,390958	-0,636987	0,524133	0,765913	no
AN11000	ChrIV_A_nidulans_FGSC_A4:2395775-2397013	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11001	ChrIV_A_nidulans_FGSC_A4:2431894-2432664	WT_5hasex	WT_veg	OK	160,33	1171,05	2,86869	-5,93529	2,9333E-09	9,4243E-08	yes
AN11002	ChrIV_A_nidulans_FGSC_A4:2372192-2373313	WT_5hasex	WT_veg	OK	2,66291	3,67063	0,463026	-0,54612	0,584984	0,804267	no
AN11003	ChrIV_A_nidulans_FGSC_A4:2368938-2371937	WT_5hasex	WT_veg	OK	8,50233	16,1595	0,926449	-1,65788	0,0973414	0,28384	no
AN11004	ChrIV_A_nidulans_FGSC_A4:2469963-2471202	WT_5hasex	WT_veg	OK	139,819	197,035	0,49489	-1,02197	0,306797	0,582859	no
AN11005	ChrIV_A_nidulans_FGSC_A4:2516829-2519367	WT_5hasex	WT_veg	OK	67,9355	93,0584	0,453969	-0,916003	0,359666	0,634308	no
AN11006	ChrIV_A_nidulans_FGSC_A4:2468497-2469548	WT_5hasex	WT_veg	OK	342,787	259,094	-0,403836	0,774507	0,438631	0,703232	no
AN11007	ChrIV_A_nidulans_FGSC_A4:2512520-2516352	WT_5hasex	WT_veg	OK	18,4286	19,2707	0,0644636	-0,131938	0,895033	0,959897	no
AN11008	ChrIV_A_nidulans_FGSC_A4:2591531-2593040	WT_5hasex	WT_veg	OK	125,585	128,999	0,0386911	-0,0773822	0,938319	0,976754	no
AN11009	ChrIV_A_nidulans_FGSC_A4:2634445-2636457	WT_5hasex	WT_veg	OK	4,96094	4,43509	-0,161652	0,23021	0,817928	0,927067	no
AN1101	ChrVIII_A_nidulans_FGSC_A4:1504751-1506346	WT_5hasex	WT_veg	OK	69,1449	42,5497	-0,700474	1,1035	0,269809	0,541789	no
AN11010	ChrIV_A_nidulans_FGSC_A4:2686126-2689579	WT_5hasex	WT_veg	OK	22,9036	23,6228	0,0446064	-0,0918586	0,92681	0,972346	no
AN11011	ChrIV_A_nidulans_FGSC_A4:2702834-2704678	WT_5hasex	WT_veg	OK	10,861	6,87784	-0,659127	1,07211	0,283669	0,557466	no
AN11012	ChrIV_A_nidulans_FGSC_A4:2734471-2735971	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11015	ChrIV_A_nidulans_FGSC_A4:2684638-2685232	WT_5hasex	WT_veg	NOTEST	1,75727	2,81765	0,681151	-0,559617	0,575741	1	no
AN11016	ChrIV_A_nidulans_FGSC_A4:2699188-2702650	WT_5hasex	WT_veg	OK	28,035	123,156	2,13518	-4,24299	2,2056E-05	0,00029061	yes
AN11017	ChrIV_A_nidulans_FGSC_A4:2752919-2753565	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11018	ChrIV_A_nidulans_FGSC_A4:2554627-2558147	WT_5hasex	WT_veg	OK	50,4367	70,32	0,479462	-0,938301	0,34809	0,6238	no
AN11019	ChrIV_A_nidulans_FGSC_A4:2552583-2553332	WT_5hasex	WT_veg	OK	69,8476	117,152	0,746105	-1,48831	0,13667	0,356948	no
AN1102	ChrVIII_A_nidulans_FGSC_A4:1500710-1503170	WT_5hasex	WT_veg	OK	141,608	212,775	0,587424	-1,14923	0,250463	0,51892	no
AN11021	ChrIV_A_nidulans_FGSC_A4:2768786-2770321	WT_5hasex	WT_veg	OK	4,13807	8,78624	1,08629	-1,23774	0,215811	0,475722	no
AN11022	ChrIV_A_nidulans_FGSC_A4:2593310-2596302	WT_5hasex	WT_veg	OK	26,894	78,2586	1,54097	-3,20767	0,00133814	0,00999447	yes
AN11023	ChrIV_A_nidulans_FGSC_A4:2632821-2634150	WT_5hasex	WT_veg	OK	29,1719	23,5065	-0,311523	0,598967	0,549195	0,781611	no
AN11024	ChrIV_A_nidulans_FGSC_A4:2818169-2818824	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11027	ChrIV_A_nidulans_FGSC_A4:2860124-2861128	WT_5hasex	WT_veg	OK	1,67463	4,96773	1,56874	-1,79002	0,0734513	0,233131	no
AN11028	ChrII_A_nidulans_FGSC_A4:111205-112342	WT_5hasex	WT_veg	NOTEST	0,251736	1,76718	2,81147	-1,36161	0,173322	1	no
AN11029	ChrII_A_nidulans_FGSC_A4:258086-259865	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1103	ChrVIII_A_nidulans_FGSC_A4:1495655-1497783	WT_5hasex	WT_veg	OK	6,17766	10,7621	0,800829	-1,32496	0,185186	0,433916	no
AN11030	ChrII_A_nidulans_FGSC_A4:260221-261268	WT_5hasex	WT_veg	NOTEST	0,943073	0,938081	-0,00765627	0,00512822	0,995908	1	no
AN11031	ChrII_A_nidulans_FGSC_A4:113468-115453	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11032	ChrII_A_nidulans_FGSC_A4:555956-558134	WT_5hasex	WT_veg	OK	24,4157	39,0005	0,675687	-1,32615	0,184791	0,433265	no
AN11033	ChrII_A_nidulans_FGSC_A4:596727-598126	WT_5hasex	WT_veg	OK	31,4068	32,9168	0,0677449	-0,132653	0,894467	0,959684	no
AN11034	ChrII_A_nidulans_FGSC_A4:694478-696480	WT_5hasex	WT_veg	NOTEST	1,78246	1,87057	0,0696154	-0,0796121	0,936546	1	no
AN11035	ChrII_A_nidulans_FGSC_A4:735604-737045	WT_5hasex	WT_veg	NOTEST	0,559459	2,81892	2,33304	-2,17064	0,0299584	1	no
AN11036	ChrII_A_nidulans_FGSC_A4:740553-742510	WT_5hasex	WT_veg	OK	5,61942	49,4894	3,13863	-5,04422	4,5539E-07	9,1011E-06	yes
AN11037	ChrII_A_nidulans_FGSC_A4:774037-775503	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11038	ChrII_A_nidulans_FGSC_A4:832332-833598	WT_5hasex	WT_veg	NOTEST	1,99632	0,795187	-1,32798	0,897377	0,369518	1	no
AN11039	ChrII_A_nidulans_FGSC_A4:603541-604431	WT_5hasex	WT_veg	OK	76,8562	331,901	2,11052	-4,36102	1,2946E-05	0,00018073	yes
AN1104	ChrVIII_A_nidulans_FGSC_A4:1493639-1495427	WT_5hasex	WT_veg	OK	53,725	119,283	1,15073	-2,34354	0,0191017	0,0859496	no
AN11040	ChrII_A_nidulans_FGSC_A4:598384-599227	WT_5hasex	WT_veg	OK	30,6404	34,7166	0,180189	-0,330851	0,740757	0,891277	no

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AN11041	ChrII_A_nidulans_FGSC_A4:613243-613943	WT_5hasex	WT_veg	OK	30,6878	58,6476	0,934408	-1,55331	0,12035	0,328262	no
AN11043	ChrII_A_nidulans_FGSC_A4:737579-738185	WT_5hasex	WT_veg	OK	20,2518	99,3252	2,29411	-3,78998	0,00015066	0,0015597	yes
AN11044	ChrII_A_nidulans_FGSC_A4:738532-740177	WT_5hasex	WT_veg	OK	10,8799	18,9100	0,797512	-1,39539	0,162899	0,399486	no
AN11045	ChrII_A_nidulans_FGSC_A4:553749-555429	WT_5hasex	WT_veg	OK	47,6493	63,9644	0,424813	-0,81543	0,414826	0,68392	no
AN11046	ChrII_A_nidulans_FGSC_A4:693124-693974	WT_5hasex	WT_veg	OK	342,215	356,482	0,058925	-0,0877457	0,930079	0,973533	no
AN11047	ChrII_A_nidulans_FGSC_A4:696993-697727	WT_5hasex	WT_veg	NOTEST	1,01628	2,60333	1,35706	-1,04689	0,295151	1	no
AN11048	ChrII_A_nidulans_FGSC_A4:745756-746443	WT_5hasex	WT_veg	NOTEST	1,7178	3,42554	0,995774	-0,892324	0,372219	1	no
AN11049	ChrII_A_nidulans_FGSC_A4:775831-777130	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1105	ChrVIII_A_nidulans_FGSC_A4:1492315-1493323	WT_5hasex	WT_veg	OK	318,649	679,544	1,0926	-2,17987	0,0292674	0,119009	no
AN11050	ChrII_A_nidulans_FGSC_A4:831286-832261	WT_5hasex	WT_veg	NOTEST	1,06774	1,15264	0,110385	-0,0859251	0,931526	1	no
AN11051	ChrII_A_nidulans_FGSC_A4:742801-744573	WT_5hasex	WT_veg	OK	3,00366	12,46	2,05251	-2,82077	0,00479084	0,0287538	yes
AN11052	ChrII_A_nidulans_FGSC_A4:1056172-1060420	WT_5hasex	WT_veg	OK	28,714	42,3213	0,559629	-1,17447	0,240205	0,505999	no
AN11053	ChrII_A_nidulans_FGSC_A4:1054690-1055833	WT_5hasex	WT_veg	OK	7,5227	10,3252	0,456849	-0,660773	0,508758	0,755394	no
AN11054	ChrII_A_nidulans_FGSC_A4:1172580-1175617	WT_5hasex	WT_veg	OK	39,1373	27,4621	-0,511101	1,01118	0,311931	0,588302	no
AN11055	ChrII_A_nidulans_FGSC_A4:1204291-1205507	WT_5hasex	WT_veg	OK	108,603	367,925	1,76035	-3,67631	0,00023663	0,00230225	yes
AN11056	ChrII_A_nidulans_FGSC_A4:1213693-1214865	WT_5hasex	WT_veg	OK	16,6313	37,3139	1,16581	-2,08261	0,0372864	0,143215	no
AN11057	ChrII_A_nidulans_FGSC_A4:1175785-1176658	WT_5hasex	WT_veg	OK	33,2372	79,353	1,25548	-2,20146	0,0277036	0,114048	no
AN11058	ChrII_A_nidulans_FGSC_A4:1177219-1178330	WT_5hasex	WT_veg	OK	25,6076	50,0222	0,965996	-1,68483	0,0920222	0,273164	no
AN11059	ChrII_A_nidulans_FGSC_A4:1179277-1181252	WT_5hasex	WT_veg	NOTEST	1,05381	0,446885	-1,23764	0,844099	0,398614	1	no
AN1106	ChrVIII_A_nidulans_FGSC_A4:1488840-1490706	WT_5hasex	WT_veg	OK	3,22538	8,87018	1,45949	-2,13541	0,0327278	0,129728	no
AN11060	ChrII_A_nidulans_FGSC_A4:1202842-1204031	WT_5hasex	WT_veg	OK	48,8234	199,128	2,02805	-4,11092	3,9409E-05	0,00048682	yes
AN11061	ChrII_A_nidulans_FGSC_A4:1210653-1212961	WT_5hasex	WT_veg	OK	108,126	247,727	1,19603	-2,41824	0,0155959	0,0736405	no
AN11062	ChrII_A_nidulans_FGSC_A4:1253881-1254446	WT_5hasex	WT_veg	OK	239,767	373,415	0,639147	-1,01074	0,312143	0,588521	no
AN11063	ChrII_A_nidulans_FGSC_A4:1260782-1261822	WT_5hasex	WT_veg	OK	35,2047	34,3684	-0,0346854	0,0668415	0,946708	0,980179	no
AN11065	ChrII_A_nidulans_FGSC_A4:1306283-1308786	WT_5hasex	WT_veg	OK	25,6209	33,889	0,403492	-0,826012	0,408797	0,678723	no
AN11066	ChrII_A_nidulans_FGSC_A4:1391021-1392351	WT_5hasex	WT_veg	OK	18,7487	106,145	2,50117	-4,694	2,6791E-06	4,4456E-05	yes
AN11068	ChrII_A_nidulans_FGSC_A4:1255616-1257480	WT_5hasex	WT_veg	OK	3,63028	1,56579	-1,21319	1,42205	0,155012	0,387231	no
AN11069	ChrII_A_nidulans_FGSC_A4:1261826-1263739	WT_5hasex	WT_veg	OK	69,4905	171,213	1,3009	-2,53739	0,0111683	0,0568084	no
AN1107	ChrVIII_A_nidulans_FGSC_A4:1486830-1488389	WT_5hasex	WT_veg	NOTEST	1,4915	2,01505	0,434052	-0,386767	0,698929	1	no
AN11070	ChrII_A_nidulans_FGSC_A4:1283453-1285242	WT_5hasex	WT_veg	OK	84,9759	119,49	0,491766	-0,975056	0,329532	0,606036	no
AN11071	ChrII_A_nidulans_FGSC_A4:1309038-1310710	WT_5hasex	WT_veg	OK	13,5568	30,9921	1,19289	-2,19192	0,0283856	0,116134	no
AN11072	ChrII_A_nidulans_FGSC_A4:1389301-1390728	WT_5hasex	WT_veg	OK	82,1341	135,826	0,725708	-1,46556	0,142767	0,367179	no
AN11073	ChrV_A_nidulans_FGSC_A4:151888-153610	WT_5hasex	WT_veg	NOTEST	0,170836	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN11074	ChrV_A_nidulans_FGSC_A4:136745-137549	WT_5hasex	WT_veg	NOTEST	0	1,05264	1.79769e+308	1.79769e+308	0,123323	1	no
AN11075	ChrV_A_nidulans_FGSC_A4:150147-151669	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11076	ChrV_A_nidulans_FGSC_A4:200354-201710	WT_5hasex	WT_veg	OK	15,4385	54,8652	1,82936	-2,51815	0,0117973	0,0593342	no
AN11077	ChrV_A_nidulans_FGSC_A4:321541-322336	WT_5hasex	WT_veg	NOTEST	0,940981	1,93986	1,04371	-0,79427	0,427038	1	no
AN11078	ChrV_A_nidulans_FGSC_A4:447661-449539	WT_5hasex	WT_veg	NOTEST	0,125108	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN11079	ChrV_A_nidulans_FGSC_A4:488126-489070	WT_5hasex	WT_veg	OK	13,2894	7,57898	-0,810202	1,01467	0,310264	0,586673	no
AN1108	ChrVIII_A_nidulans_FGSC_A4:1485553-1486544	WT_5hasex	WT_veg	NOTEST	1,15735	2,2684	0,970854	-0,830988	0,405981	1	no
AN11080	ChrV_A_nidulans_FGSC_A4:636591-637967	WT_5hasex	WT_veg	OK	8,69101	6,98892	-0,314454	0,48241	0,629515	0,830133	no
AN11081	ChrV_A_nidulans_FGSC_A4:489120-490272	WT_5hasex	WT_veg	OK	12,7728	28,82	1,174	-1,93446	0,0530565	0,185018	no
AN11082	ChrV_A_nidulans_FGSC_A4:635330-636251	WT_5hasex	WT_veg	OK	7,85135	19,3767	1,30331	-1,93873	0,0525346	0,183662	no
AN11083	ChrV_A_nidulans_FGSC_A4:505186-505405	WT_5hasex	WT_veg	OK	42,8924	135,857	1,66329	-2,33048	0,0197808	0,0883753	no
AN11085	ChrV_A_nidulans_FGSC_A4:323650-324700	WT_5hasex	WT_veg	OK	21,0814	55,367	1,39305	-2,18781	0,0286837	0,117117	no
AN11086	ChrV_A_nidulans_FGSC_A4:449909-450324	WT_5hasex	WT_veg	OK	2,96709	0,647227	-2,19671	0,708215	0,478812	0,734161	no
AN11087	ChrV_A_nidulans_FGSC_A4:865333-867059	WT_5hasex	WT_veg	OK	7,69591	33,4267	2,11884	-3,40787	0,00065472	0,00547364	yes
AN11089	ChrIII_A_nidulans_FGSC_A4:3455894-3457869	WT_5hasex	WT_veg	NOTEST	0,105999	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN1109	ChrVIII_A_nidulans_FGSC_A4:1482288-1484048	WT_5hasex	WT_veg	NOTEST	1,34017	2,98858	1,15705	-1,36416	0,172518	1	no
AN11090	ChrIII_A_nidulans_FGSC_A4:3417489-3418766	WT_5hasex	WT_veg	OK	2,20338	1,77396	-0,312743	0,308536	0,757674	0,899896	no
AN11091	ChrIII_A_nidulans_FGSC_A4:3406371-3408037	WT_5hasex	WT_veg	OK	11,349	16,8238	0,567945	-0,996981	0,318774	0,594766	no
AN11092	ChrIII_A_nidulans_FGSC_A4:3402619-3403962	WT_5hasex	WT_veg	OK	4,2054	1,90055	-1,14583	1,28137	0,200065	0,454514	no
AN11093	ChrIII_A_nidulans_FGSC_A4:3368605-3370651	WT_5hasex	WT_veg	OK	5,761	7,52427	0,385231	-0,616925	0,537284	0,773908	no

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AN11094	ChrIII_A_nidulans_FGSC_A4:3253831-3255111	WT_5hasex	WT_veg	OK	93,278	44,3974	-1,07106	1,72675	0,0842121	0,256996	no
AN11095	ChrIII_A_nidulans_FGSC_A4:3419084-3420259	WT_5hasex	WT_veg	OK	24,1371	12,6025	-0,937537	1,53343	0,12517	0,336592	no
AN11096	ChrIII_A_nidulans_FGSC_A4:3252816-3253562	WT_5hasex	WT_veg	NOTEST	0	1,37796	1.79769e+308	1.79769e+308	0,123323	1	no
AN11097	ChrIII_A_nidulans_FGSC_A4:3458010-3459027	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11098	ChrIII_A_nidulans_FGSC_A4:3408079-3410831	WT_5hasex	WT_veg	OK	6,19147	8,88735	0,521471	-0,875713	0,381186	0,655496	no
AN11099	ChrIII_A_nidulans_FGSC_A4:3399995-3402285	WT_5hasex	WT_veg	OK	12,814	8,42388	-0,605166	1,05096	0,293279	0,568132	no
AN11100	ChrVIII_A_nidulans_FGSC_A4:1478303-1479987	WT_5hasex	WT_veg	OK	10,6104	15,1721	0,515936	-0,834819	0,403819	0,674969	no
AN11100	ChrIII_A_nidulans_FGSC_A4:3366066-3368569	WT_5hasex	WT_veg	NOTEST	0,511749	0	-1.79769e+308	-1.79769e+308	0,0600506	1	no
AN11101	ChrIII_A_nidulans_FGSC_A4:3104055-3108045	WT_5hasex	WT_veg	NOTEST	0,934558	1,91922	1,03817	-1,29762	0,194419	1	no
AN11102	ChrIII_A_nidulans_FGSC_A4:3079970-3082101	WT_5hasex	WT_veg	OK	90,8122	101,56	0,161375	-0,331314	0,740407	0,891143	no
AN11103	ChrIII_A_nidulans_FGSC_A4:3075427-3077556	WT_5hasex	WT_veg	NOTEST	0,734899	1,03141	0,488995	-0,460832	0,644919	1	no
AN11104	ChrIII_A_nidulans_FGSC_A4:3043657-3045951	WT_5hasex	WT_veg	OK	21,8139	45,7747	1,0693	-2,12645	0,033466	0,132055	no
AN11105	ChrIII_A_nidulans_FGSC_A4:2997160-2998569	WT_5hasex	WT_veg	OK	2,41469	4,69219	0,958422	-1,16953	0,242192	0,508806	no
AN11106	ChrIII_A_nidulans_FGSC_A4:3078451-3079422	WT_5hasex	WT_veg	OK	80,9038	158,208	0,967542	-1,94339	0,0519691	0,182342	no
AN11107	ChrIII_A_nidulans_FGSC_A4:3041279-3043375	WT_5hasex	WT_veg	OK	7,36569	24,1831	1,71511	-2,91309	0,00357875	0,02266	yes
AN11108	ChrIII_A_nidulans_FGSC_A4:2998616-2999711	WT_5hasex	WT_veg	OK	2,17457	12,3114	2,5012	-3,15286	0,00161679	0,0116972	yes
AN11109	ChrIII_A_nidulans_FGSC_A4:3109135-3109871	WT_5hasex	WT_veg	OK	32,2515	132,766	2,04145	-3,43655	0,00058917	0,00501194	yes
AN11110	ChrIII_A_nidulans_FGSC_A4:3074033-3074990	WT_5hasex	WT_veg	OK	4,21773	8,2892	0,974766	-1,26434	0,206108	0,46284	no
AN11111	ChrIII_A_nidulans_FGSC_A4:2939761-2941488	WT_5hasex	WT_veg	OK	10,2829	9,18119	-0,1635	0,273031	0,784829	0,912344	no
AN11112	ChrIII_A_nidulans_FGSC_A4:2901660-2903447	WT_5hasex	WT_veg	OK	8,99372	16,8995	0,909994	-1,52533	0,127177	0,340221	no
AN11113	ChrIII_A_nidulans_FGSC_A4:2870007-2872755	WT_5hasex	WT_veg	NOTEST	0,263518	1,16411	2,14325	-1,91336	0,0557022	1	no
AN11114	ChrIII_A_nidulans_FGSC_A4:2854928-2856189	WT_5hasex	WT_veg	NOTEST	0,396846	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN11115	ChrIII_A_nidulans_FGSC_A4:2938095-2939580	WT_5hasex	WT_veg	OK	20,8108	55,8074	1,42312	-2,70243	0,00688342	0,0386111	yes
AN11116	ChrIII_A_nidulans_FGSC_A4:2941722-2943303	WT_5hasex	WT_veg	OK	44,4453	57,6227	0,374608	-0,750284	0,453083	0,714485	no
AN11117	ChrIII_A_nidulans_FGSC_A4:2933353-2935494	WT_5hasex	WT_veg	OK	77,5302	159,296	1,03888	-1,98959	0,0466361	0,169053	no
AN11118	ChrIII_A_nidulans_FGSC_A4:2900622-2901552	WT_5hasex	WT_veg	OK	9,92773	31,0532	1,64521	-2,47102	0,0134727	0,0658274	no
AN11119	ChrIII_A_nidulans_FGSC_A4:2866805-2868667	WT_5hasex	WT_veg	OK	83,3723	226,469	1,44168	-2,92195	0,00347852	0,0221477	yes
AN11112	ChrIII_A_nidulans_FGSC_A4:1471119-1471867	WT_5hasex	WT_veg	OK	98,9004	243,845	1,30192	-2,67467	0,00748034	0,0413137	yes
AN11120	ChrIII_A_nidulans_FGSC_A4:2864047-2866029	WT_5hasex	WT_veg	OK	22,8774	295,45	3,69092	-6,61311	3,7634E-11	1,6462E-09	yes
AN11121	ChrIII_A_nidulans_FGSC_A4:2861615-2863283	WT_5hasex	WT_veg	OK	17,0165	79,7528	2,2286	-4,1654	3,1081E-05	0,00039551	yes
AN11122	ChrIII_A_nidulans_FGSC_A4:2852125-2853337	WT_5hasex	WT_veg	NOTEST	0,560652	1,1115	0,987325	-0,710411	0,47745	1	no
AN11124	ChrIII_A_nidulans_FGSC_A4:2913443-2913958	WT_5hasex	WT_veg	OK	21,5149	51,5766	1,26138	-2,01255	0,0441623	0,162183	no
AN11125	ChrIII_A_nidulans_FGSC_A4:2649185-2651398	WT_5hasex	WT_veg	OK	96,7913	138,347	0,515339	-1,05857	0,289795	0,564529	no
AN11126	ChrIII_A_nidulans_FGSC_A4:2638032-2639699	WT_5hasex	WT_veg	OK	112,569	190,238	0,756989	-1,51978	0,128567	0,342813	no
AN11127	ChrIII_A_nidulans_FGSC_A4:2646914-2648786	WT_5hasex	WT_veg	OK	18,0717	24,0889	0,414631	-0,805527	0,420516	0,688664	no
AN11128	ChrIII_A_nidulans_FGSC_A4:2634329-2637548	WT_5hasex	WT_veg	OK	33,8077	55,2865	0,709577	-1,48008	0,138852	0,36055	no
AN11129	ChrIII_A_nidulans_FGSC_A4:2594752-2595957	WT_5hasex	WT_veg	OK	78,9122	137,963	0,805956	-1,67004	0,0949109	0,279051	no
AN11113	ChrVIII_A_nidulans_FGSC_A4:1469650-1470432	WT_5hasex	WT_veg	OK	11,7343	14,3745	0,292773	-0,368524	0,712482	0,876511	no
AN11130	ChrIII_A_nidulans_FGSC_A4:2547601-2549823	WT_5hasex	WT_veg	OK	38,6708	89,1126	1,20438	-2,41346	0,0158018	0,0744647	no
AN11131	ChrIII_A_nidulans_FGSC_A4:2545174-2546867	WT_5hasex	WT_veg	OK	100,186	205,663	1,03761	-2,09275	0,0363712	0,140586	no
AN11132	ChrIII_A_nidulans_FGSC_A4:2596490-2597927	WT_5hasex	WT_veg	OK	50,2316	167,135	1,73434	-3,42987	0,00060388	0,00511463	yes
AN11133	ChrIII_A_nidulans_FGSC_A4:2613886-2614448	WT_5hasex	WT_veg	OK	104,699	115,853	0,146043	-0,282656	0,777441	0,908995	no
AN11136	ChrIII_A_nidulans_FGSC_A4:2584812-2585412	WT_5hasex	WT_veg	OK	351,608	1054,52	1,58455	-3,18918	0,00142678	0,0105334	yes
AN11137	ChrIII_A_nidulans_FGSC_A4:2559401-2564764	WT_5hasex	WT_veg	OK	404,771	464,458	0,198442	-0,402939	0,686993	0,862421	no
AN11138	ChrIII_A_nidulans_FGSC_A4:2617818-2619847	WT_5hasex	WT_veg	OK	42,1525	146,862	1,80077	-3,74252	0,00018219	0,00184126	yes
AN11114	ChrVIII_A_nidulans_FGSC_A4:1467697-1469251	WT_5hasex	WT_veg	OK	48,4747	35,6993	-0,441336	0,847208	0,396879	0,669993	no
AN11140	ChrVII_A_nidulans_FGSC_A4:562058-563855	WT_5hasex	WT_veg	OK	57,8214	408,661	2,82123	-4,98553	6,1791E-07	1,1966E-05	yes
AN11141	ChrVII_A_nidulans_FGSC_A4:550505-551453	WT_5hasex	WT_veg	OK	19,3437	38,1665	0,980446	-1,67691	0,09356	0,276295	no
AN11144	ChrVII_A_nidulans_FGSC_A4:559185-560512	WT_5hasex	WT_veg	NOTEST	0,838668	3,86287	2,2035	-2,33793	0,0193907	1	no
AN11146	ChrVII_A_nidulans_FGSC_A4:572856-573695	WT_5hasex	WT_veg	OK	94,2479	346,345	1,87768	-3,56475	0,00036421	0,00331687	yes
AN11148	ChrVII_A_nidulans_FGSC_A4:549494-550310	WT_5hasex	WT_veg	OK	14,8222	9,93317	-0,577436	0,857859	0,39097	0,664148	no
AN11149	ChrVII_A_nidulans_FGSC_A4:501383-503301	WT_5hasex	WT_veg	OK	22,4186	6,6011	-1,76392	2,67035	0,00757721	0,0417594	yes
AN11115	ChrVIII_A_nidulans_FGSC_A4:1464950-1466482	WT_5hasex	WT_veg	OK	41,2783	93,7312	1,18315	-2,26137	0,0237367	0,101373	no

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AN11151	ChrVII_A_nidulans_FGSC_A4:398429-399838	WT_5hasex	WT_veg	OK	0,804656	12,5743	3,96596	-4,13089	3,6136E-05	0,00045183	yes
AN11153	ChrVII_A_nidulans_FGSC_A4:400280-402063	WT_5hasex	WT_veg	OK	4,735	6,10861	0,36748	-0,449039	0,653404	0,843549	no
AN11154	ChrVII_A_nidulans_FGSC_A4:402419-403035	WT_5hasex	WT_veg	OK	92,6678	341,964	1,8837	-3,55129	0,00038334	0,00346464	yes
AN11156	ChrVII_A_nidulans_FGSC_A4:273166-274414	WT_5hasex	WT_veg	NOTEST	0,286913	0,567578	0,984203	-0,52961	0,596382	1	no
AN11157	ChrVII_A_nidulans_FGSC_A4:274583-275395	WT_5hasex	WT_veg	NOTEST	0,242558	1,13089	2,22106	-1,14626	0,251686	1	no
AN11158	ChrVII_A_nidulans_FGSC_A4:123110-124327	WT_5hasex	WT_veg	OK	20,9981	27,4086	0,384372	-0,691974	0,488954	0,741962	no
AN11159	ChrVII_A_nidulans_FGSC_A4:62472-64007	WT_5hasex	WT_veg	NOTEST	0	2,79567	1.79769e+308	1.79769e+308	0,00216344	1	no
AN11116	ChrVIII_A_nidulans_FGSC_A4:1461319-1463272	WT_5hasex	WT_veg	OK	54,6932	47,8939	-0,19152	0,396477	0,691753	0,864642	no
AN11160	ChrVII_A_nidulans_FGSC_A4:124830-125619	WT_5hasex	WT_veg	OK	3,29321	3,99957	0,280349	-0,315806	0,75215	0,896876	no
AN11161	ChrVII_A_nidulans_FGSC_A4:60984-62376	WT_5hasex	WT_veg	OK	10,9909	106,544	3,27707	-5,60229	2,1154E-08	5,7021E-07	yes
AN11162	ChrVI_A_nidulans_FGSC_A4:563364-566032	WT_5hasex	WT_veg	OK	17,8568	88,422	2,30793	-4,65213	3,2853E-06	5,3382E-05	yes
AN11163	ChrVI_A_nidulans_FGSC_A4:483636-487941	WT_5hasex	WT_veg	OK	22,9144	56,2258	1,29498	-2,61026	0,00904745	0,0481373	yes
AN11164	ChrVI_A_nidulans_FGSC_A4:433673-436116	WT_5hasex	WT_veg	OK	60,7191	82,475	0,441806	-0,913598	0,360928	0,635508	no
AN11165	ChrVI_A_nidulans_FGSC_A4:401396-402767	WT_5hasex	WT_veg	OK	17,4491	39,602	1,18242	-2,12656	0,0334565	0,132037	no
AN11167	ChrVI_A_nidulans_FGSC_A4:338556-340172	WT_5hasex	WT_veg	OK	35,2092	16,4801	-1,09523	2,18928	0,0285768	0,116717	no
AN11168	ChrVI_A_nidulans_FGSC_A4:316648-317895	WT_5hasex	WT_veg	OK	93,9909	116,579	0,310715	-0,642981	0,520236	0,763711	no
AN11169	ChrVI_A_nidulans_FGSC_A4:283761-286062	WT_5hasex	WT_veg	OK	19,7948	63,564	1,68309	-3,33181	0,00086282	0,00693776	yes
AN11117	ChrVIII_A_nidulans_FGSC_A4:1459166-1460977	WT_5hasex	WT_veg	OK	97,2446	140,196	0,527757	-1,05904	0,289581	0,564315	no
AN11170	ChrVI_A_nidulans_FGSC_A4:266686-269201	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11171	ChrVI_A_nidulans_FGSC_A4:262056-262894	WT_5hasex	WT_veg	NOTEST	1,68542	1,85154	0,135613	-0,0919157	0,926765	1	no
AN11172	ChrVI_A_nidulans_FGSC_A4:241952-242813	WT_5hasex	WT_veg	OK	75,866	104,137	0,45696	-0,722079	0,470246	0,728228	no
AN11173	ChrVI_A_nidulans_FGSC_A4:560739-562397	WT_5hasex	WT_veg	OK	22,8077	41,5547	0,865491	-1,5115	0,130662	0,346382	no
AN11174	ChrVI_A_nidulans_FGSC_A4:436742-439406	WT_5hasex	WT_veg	OK	13,6952	17,3229	0,339016	-0,628198	0,529874	0,769474	no
AN11175	ChrVI_A_nidulans_FGSC_A4:413289-413838	WT_5hasex	WT_veg	OK	103,04	144,07	0,483566	-0,951871	0,341162	0,61683	no
AN11176	ChrVI_A_nidulans_FGSC_A4:402777-403737	WT_5hasex	WT_veg	OK	19,0413	60,7066	1,67272	-2,93703	0,00331369	0,0212642	yes
AN11177	ChrVI_A_nidulans_FGSC_A4:398999-400094	WT_5hasex	WT_veg	OK	1,96834	4,33165	1,13794	-1,25582	0,209181	0,466984	no
AN11178	ChrVI_A_nidulans_FGSC_A4:336397-338117	WT_5hasex	WT_veg	OK	17,63	18,1256	0,0399957	-0,0731994	0,941647	0,978217	no
AN11118	ChrVIII_A_nidulans_FGSC_A4:1456801-1458936	WT_5hasex	WT_veg	OK	66,7205	101,71	0,608262	-1,23971	0,215084	0,4748	no
AN11180	ChrVI_A_nidulans_FGSC_A4:269682-271447	WT_5hasex	WT_veg	OK	3,19068	4,16928	0,385937	-0,514414	0,606963	0,817431	no
AN11181	ChrVI_A_nidulans_FGSC_A4:312977-316472	WT_5hasex	WT_veg	OK	16,063	18,4354	0,198739	-0,389041	0,697246	0,867761	no
AN11182	ChrVI_A_nidulans_FGSC_A4:482116-483279	WT_5hasex	WT_veg	NOTEST	1,20126	3,02257	1,33123	-1,23956	0,21514	1	no
AN11183	ChrVI_A_nidulans_FGSC_A4:566349-566958	WT_5hasex	WT_veg	OK	181,44	309,753	0,771628	-1,5778	0,114611	0,317581	no
AN11185	ChrVI_A_nidulans_FGSC_A4:280834-283273	WT_5hasex	WT_veg	OK	62,3415	107,361	0,784209	-1,63678	0,101677	0,293009	no
AN11187	ChrVI_A_nidulans_FGSC_A4:243148-245618	WT_5hasex	WT_veg	OK	26,4444	38,1229	0,527698	-0,839647	0,401106	0,672975	no
AN11188	ChrVI_A_nidulans_FGSC_A4:195938-197155	WT_5hasex	WT_veg	OK	28,0588	43,6454	0,637379	-1,18408	0,23638	0,501744	no
AN11189	ChrVI_A_nidulans_FGSC_A4:193500-195352	WT_5hasex	WT_veg	OK	38,2203	37,6727	-0,0208178	0,0326993	0,973914	0,990798	no
AN11119	ChrVIII_A_nidulans_FGSC_A4:1455470-1455833	WT_5hasex	WT_veg	OK	36,544	43,3815	0,247443	-0,381218	0,703042	0,871189	no
AN11190	ChrVI_A_nidulans_FGSC_A4:173073-174941	WT_5hasex	WT_veg	OK	1,65532	4,9287	1,5741	-2,05542	0,0398385	0,150416	no
AN11191	ChrVI_A_nidulans_FGSC_A4:65976-73676	WT_5hasex	WT_veg	NOTEST	0,483246	0,106128	-2,18696	1,46896	0,141843	1	no
AN11193	ChrVI_A_nidulans_FGSC_A4:23862-26138	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11194	ChrVI_A_nidulans_FGSC_A4:20153-21606	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11195	ChrVI_A_nidulans_FGSC_A4:175119-176528	WT_5hasex	WT_veg	OK	3,53008	8,27454	1,22898	-1,64533	0,0999016	0,289165	no
AN11196	ChrVI_A_nidulans_FGSC_A4:197423-199305	WT_5hasex	WT_veg	OK	15,2897	1,45607	-3,39241	4,22681	2,3703E-05	0,00030983	yes
AN11197	ChrVI_A_nidulans_FGSC_A4:190540-193213	WT_5hasex	WT_veg	OK	11,5527	17,2018	0,57433	-0,889021	0,373992	0,648701	no
AN11198	ChrVI_A_nidulans_FGSC_A4:63156-64562	WT_5hasex	WT_veg	NOTEST	1,87827	0	-1.79769e+308	-1.79769e+308	0,0183871	1	no
AN11199	ChrVI_A_nidulans_FGSC_A4:64665-65569	WT_5hasex	WT_veg	OK	2,32013	0	-1.79769e+308	-1.79769e+308	0,0244862	0,103687	no
AN1120	ChrVIII_A_nidulans_FGSC_A4:1453506-1454931	WT_5hasex	WT_veg	OK	20,8618	28,7379	0,462087	-0,866176	0,386394	0,660108	no
AN11200	ChrVI_A_nidulans_FGSC_A4:49063-49811	WT_5hasex	WT_veg	OK	51,3351	92,8688	0,855247	-1,61971	0,105294	0,300278	no
AN11201	ChrVI_A_nidulans_FGSC_A4:22216-23434	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11202	ChrVI_A_nidulans_FGSC_A4:18451-19791	WT_5hasex	WT_veg	NOTEST	0,25124	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN11203	ChrVIII_A_nidulans_FGSC_A4:10307-12236	WT_5hasex	WT_veg	NOTEST	0	0,249157	1.79769e+308	1.79769e+308	0,21742	1	no
AN11204	ChrVIII_A_nidulans_FGSC_A4:9568-10237	WT_5hasex	WT_veg	NOTEST	0,659533	0,746154	0,178029	-0,0368367	0,970615	1	no
AN11205	ChrVIII_A_nidulans_FGSC_A4:73742-75060	WT_5hasex	WT_veg	NOTEST	0,885846	0	-1.79769e+308	-1.79769e+308	0,0368957	1	no

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AN11206	ChrVIII_A_nidulans_FGSC_A4:84894-86471	WT_5hasex	WT_veg	NOTEST	0,48001	0	-1.79769e+308	-1.79769e+308	0,0561526	1	no
AN11207	ChrVIII_A_nidulans_FGSC_A4:126199-127021	WT_5hasex	WT_veg	OK	30,3073	0,223186	-7,08527	2,40449	0,0161948	0,0759071	no
AN11208	ChrVIII_A_nidulans_FGSC_A4:131022-132165	WT_5hasex	WT_veg	NOTEST	1,20063	2,39638	0,997068	-0,95373	0,34022	1	no
AN11209	ChrVIII_A_nidulans_FGSC_A4:133391-135054	WT_5hasex	WT_veg	OK	6,68918	59,8003	3,16025	-4,58337	4,5754E-06	7,14E-05	yes
AN1121	ChrVIII_A_nidulans_FGSC_A4:1451839-1453175	WT_5hasex	WT_veg	OK	39,8308	55,0372	0,466523	-0,937274	0,348618	0,624428	no
AN11210	ChrVIII_A_nidulans_FGSC_A4:224076-224877	WT_5hasex	WT_veg	OK	12,9606	43,8456	1,7583	-2,71452	0,00663722	0,0375274	yes
AN11212	ChrVIII_A_nidulans_FGSC_A4:318368-322179	WT_5hasex	WT_veg	NOTEST	0,215507	0,388479	0,8501	-0,494944	0,62064	1	no
AN11214	ChrVIII_A_nidulans_FGSC_A4:73056-73545	WT_5hasex	WT_veg	NOTEST	0,91091	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN11215	ChrVIII_A_nidulans_FGSC_A4:225489-228452	WT_5hasex	WT_veg	OK	14,2309	71,754	2,33403	-2,96954	0,00298248	0,0194654	yes
AN11216	ChrVIII_A_nidulans_FGSC_A4:448800-450798	WT_5hasex	WT_veg	OK	2,46731	9,30255	1,91469	-2,63304	0,00846241	0,0456127	yes
AN11217	ChrVIII_A_nidulans_FGSC_A4:82442-84425	WT_5hasex	WT_veg	OK	1,85346	0,21378	-3,11603	1,92237	0,0545598	0,188778	no
AN11218	ChrVIII_A_nidulans_FGSC_A4:124960-125711	WT_5hasex	WT_veg	NOTEST	0,347071	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN11219	ChrVIII_A_nidulans_FGSC_A4:291385-292898	WT_5hasex	WT_veg	OK	4,21722	21,1049	2,32322	-2,90374	0,00368737	0,023238	yes
AN1122	ChrVIII_A_nidulans_FGSC_A4:1450719-1451798	WT_5hasex	WT_veg	OK	1419,77	2206,89	0,636359	-1,06875	0,28518	0,559282	no
AN11221	ChrVIII_A_nidulans_FGSC_A4:338459-339876	WT_5hasex	WT_veg	OK	10,0686	26,9596	1,42093	-2,40039	0,0163776	0,0765447	no
AN11222	ChrVIII_A_nidulans_FGSC_A4:128904-130588	WT_5hasex	WT_veg	NOTEST	0,696035	3,79871	2,44828	-2,62865	0,0085725	1	no
AN11223	ChrVIII_A_nidulans_FGSC_A4:135706-138087	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11224	ChrII_A_nidulans_FGSC_A4:1483988-1485111	WT_5hasex	WT_veg	OK	26,363	103,172	1,96847	-3,70824	0,0002087	0,00206738	yes
AN11225	ChrII_A_nidulans_FGSC_A4:1485768-1487480	WT_5hasex	WT_veg	OK	19,8917	49,9564	1,3285	-2,59151	0,00955564	0,0502493	no
AN11226	ChrII_A_nidulans_FGSC_A4:1488140-1489119	WT_5hasex	WT_veg	OK	76,8731	93,6537	0,284856	-0,565947	0,57143	0,796088	no
AN11228	ChrV_A_nidulans_FGSC_A4:3236508-3238539	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1123	ChrVIII_A_nidulans_FGSC_A4:1448186-1450313	WT_5hasex	WT_veg	OK	11,6666	48,0843	2,04318	-3,66057	0,00025165	0,00242903	yes
AN11230	ChrIII_A_nidulans_FGSC_A4:1948639-1949402	WT_5hasex	WT_veg	OK	54,6492	165,118	1,59523	-3,11043	0,00186815	0,0131815	yes
AN11231	ChrIII_A_nidulans_FGSC_A4:1945837-1947650	WT_5hasex	WT_veg	OK	107,101	163,263	0,608216	-1,2363	0,216346	0,476417	no
AN11232	ChrIII_A_nidulans_FGSC_A4:879994-881581	WT_5hasex	WT_veg	OK	10,2352	24,4361	1,25547	-2,1428	0,032129	0,127957	no
AN11233	ChrIII_A_nidulans_FGSC_A4:882195-884534	WT_5hasex	WT_veg	OK	47,3967	88,5696	0,902026	-1,69791	0,0895243	0,268164	no
AN11234	ChrVIII_A_nidulans_FGSC_A4:4011745-4012287	WT_5hasex	WT_veg	OK	152,368	294,324	0,94984	-1,92652	0,0540394	0,18746	no
AN11238	ChrII_A_nidulans_FGSC_A4:2947006-2947662	WT_5hasex	WT_veg	OK	95,3041	488,397	2,35745	-4,41161	1,026E-05	0,00014722	yes
AN1124	ChrVIII_A_nidulans_FGSC_A4:1445138-1447273	WT_5hasex	WT_veg	OK	20,7503	78,2029	1,91409	-3,62548	0,00028843	0,00272817	yes
AN11243	ChrV_A_nidulans_FGSC_A4:2264715-2266456	WT_5hasex	WT_veg	OK	33,282	37,6681	0,178599	-0,358161	0,720223	0,880238	no
AN11244	ChrI_A_nidulans_FGSC_A4:874535-876367	WT_5hasex	WT_veg	OK	119,953	241,368	1,00877	-2,08005	0,0375206	0,143868	no
AN11245	ChrI_A_nidulans_FGSC_A4:872815-874019	WT_5hasex	WT_veg	OK	4,03144	8,29957	1,04174	-1,43856	0,150275	0,379482	no
AN11246	ChrIII_A_nidulans_FGSC_A4:3186081-3186951	WT_5hasex	WT_veg	OK	114,186	28,5237	-2,00115	3,73155	0,0001903	0,00190965	yes
AN11250	ChrI_A_nidulans_FGSC_A4:3533196-3534601	WT_5hasex	WT_veg	OK	39,5933	101,433	1,3572	-2,63237	0,00847923	0,0456846	yes
AN11251	ChrVI_A_nidulans_FGSC_A4:3284296-3284999	WT_5hasex	WT_veg	OK	2,20151	3,70198	0,749802	-0,727235	0,467082	0,725796	no
AN11252	ChrVII_A_nidulans_FGSC_A4:891748-895216	WT_5hasex	WT_veg	OK	66,8462	122,986	0,87958	-1,82035	0,0687058	0,222531	no
AN11253	ChrIII_A_nidulans_FGSC_A4:654564-655594	WT_5hasex	WT_veg	OK	14,4025	12,5752	-0,195743	0,316079	0,751942	0,896772	no
AN11254	ChrVI_A_nidulans_FGSC_A4:1292603-1293470	WT_5hasex	WT_veg	OK	15,0089	37,0146	1,30228	-2,10674	0,0351405	0,13693	no
AN11260	ChrVIII_A_nidulans_FGSC_A4:4418790-4419045	WT_5hasex	WT_veg	OK	2,93086	6,14568	1,06825	-0,778176	0,436465	0,701621	no
AN11261	ChrVIII_A_nidulans_FGSC_A4:4393838-4394143	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11262	ChrVIII_A_nidulans_FGSC_A4:4360413-4360972	WT_5hasex	WT_veg	OK	3,11419	26,7515	3,10269	-3,43548	0,00059151	0,00502829	yes
AN11267	ChrVIII_A_nidulans_FGSC_A4:3910501-3910836	WT_5hasex	WT_veg	NOTEST	0	3,60834	1.79769e+308	1.79769e+308	0,123323	1	no
AN1127	ChrVIII_A_nidulans_FGSC_A4:1441026-1442634	WT_5hasex	WT_veg	OK	37,6294	49,3643	0,391607	-0,794375	0,426977	0,693926	no
AN11274	ChrVIII_A_nidulans_FGSC_A4:3197793-3198127	WT_5hasex	WT_veg	OK	8,4565	1,37168	-2,62412	1,61651	0,105985	0,301809	no
AN11276	ChrVIII_A_nidulans_FGSC_A4:3096063-3096736	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11278	ChrVIII_A_nidulans_FGSC_A4:2869948-2870655	WT_5hasex	WT_veg	OK	338,621	450,381	0,411477	-0,830884	0,406039	0,677017	no
AN1128	ChrVIII_A_nidulans_FGSC_A4:1437536-1440286	WT_5hasex	WT_veg	OK	26,6067	36,0175	0,43691	-0,86255	0,388385	0,661811	no
AN11280	ChrVIII_A_nidulans_FGSC_A4:2603061-2603419	WT_5hasex	WT_veg	OK	12,0739	21,1975	0,812001	-0,982508	0,32585	0,602439	no
AN11281	ChrVIII_A_nidulans_FGSC_A4:2469509-2470122	WT_5hasex	WT_veg	OK	63,2932	1081,66	4,09505	-7,65591	1,9096E-14	1,3307E-12	yes
AN11287	ChrVIII_A_nidulans_FGSC_A4:1730702-1731107	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11288	ChrVIII_A_nidulans_FGSC_A4:1717114-1717296	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1129	ChrVIII_A_nidulans_FGSC_A4:1434527-1436559	WT_5hasex	WT_veg	OK	5,93201	18,6883	1,65554	-2,53702	0,01118	0,0568515	no
AN11290	ChrVIII_A_nidulans_FGSC_A4:1692350-1692509	WT_5hasex	WT_veg	OK	1,98723	33,7301	4,08521	-1,94951	0,0512351	0,180505	no

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AN11292	ChrVIII_A_nidulans_FGSC_A4:1613846-1614759	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11130	ChrVIII_A_nidulans_FGSC_A4:1428366-1432109	WT_5hasex	WT_veg	OK	10,7492	13,0857	0,283755	-0,544358	0,586195	0,805079	no
AN11301	ChrVII_A_nidulans_FGSC_A4:724732-725217	WT_5hasex	WT_veg	OK	5,88024	1,32426	-2,15069	0,693378	0,488072	0,741397	no
AN11303	ChrVII_A_nidulans_FGSC_A4:828708-829440	WT_5hasex	WT_veg	OK	516,251	841,926	0,70562	-1,38224	0,166898	0,405913	no
AN11304	ChrVII_A_nidulans_FGSC_A4:833968-834449	WT_5hasex	WT_veg	OK	141,329	212,826	0,590621	-1,14979	0,25023	0,518734	no
AN11306	ChrVII_A_nidulans_FGSC_A4:1114256-1114475	WT_5hasex	WT_veg	OK	9,51378	21,456	1,17329	-1,12359	0,261188	0,531729	no
AN1131	ChrVIII_A_nidulans_FGSC_A4:1426292-1427002	WT_5hasex	WT_veg	OK	8,20107	16,5853	1,01602	-1,41192	0,157975	0,392238	no
AN11312	ChrVII_A_nidulans_FGSC_A4:1606903-1607535	WT_5hasex	WT_veg	OK	36,55	77,6548	1,0872	-1,87326	0,0610327	0,204648	no
AN11313	ChrVII_A_nidulans_FGSC_A4:1751471-1751953	WT_5hasex	WT_veg	OK	5,67334	141,02	4,63556	-4,91266	8,9848E-07	1,6696E-05	yes
AN11314	ChrVII_A_nidulans_FGSC_A4:1845552-1845959	WT_5hasex	WT_veg	OK	65,7153	839,826	3,67579	-6,04143	1,5275E-09	5,1776E-08	yes
AN11317	ChrVII_A_nidulans_FGSC_A4:2081857-2082667	WT_5hasex	WT_veg	OK	2007,55	1535,4	-0,386819	0,688292	0,491269	0,743532	no
AN11321	ChrVII_A_nidulans_FGSC_A4:2507175-2507759	WT_5hasex	WT_veg	OK	0	3,93804	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN11329	ChrVII_A_nidulans_FGSC_A4:3125974-3126294	WT_5hasex	WT_veg	OK	1,39827	6,51927	2,22106	-1,14626	0,251686	0,52039	no
AN1133	ChrVIII_A_nidulans_FGSC_A4:1420279-1421442	WT_5hasex	WT_veg	OK	229,14	524,366	1,19435	-2,43496	0,0148934	0,0711433	no
AN11332	ChrVII_A_nidulans_FGSC_A4:3469350-3470311	WT_5hasex	WT_veg	OK	114,991	137,171	0,254457	-0,519474	0,603431	0,815336	no
AN11337	ChrVII_A_nidulans_FGSC_A4:3828605-3828956	WT_5hasex	WT_veg	OK	499,551	98,2449	-2,34618	4,49383	6,9953E-06	0,00010473	yes
AN11340	ChrVII_A_nidulans_FGSC_A4:3970340-3970632	WT_5hasex	WT_veg	OK	4,40302	17,9374	2,02641	-2,0371	0,0416402	0,155307	no
AN11341	ChrVII_A_nidulans_FGSC_A4:3985228-3985716	WT_5hasex	WT_veg	OK	0,956858	12,1852	3,67068	-1,72991	0,0836466	0,255747	no
AN11344	ChrVII_A_nidulans_FGSC_A4:4105202-4105639	WT_5hasex	WT_veg	OK	47,9872	95,7422	0,996504	-1,53193	0,125541	0,337339	no
AN11347	ChrVII_A_nidulans_FGSC_A4:4229021-4230051	WT_5hasex	WT_veg	OK	907,966	717,559	-0,339541	0,642174	0,520761	0,764054	no
AN11348	ChrVII_A_nidulans_FGSC_A4:4355026-4355537	WT_5hasex	WT_veg	NOTEST	0,866217	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN11356	ChrVI_A_nidulans_FGSC_A4:3327227-3327964	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11359	ChrVI_A_nidulans_FGSC_A4:3204982-3205564	WT_5hasex	WT_veg	OK	77,9898	79,6804	0,03094	-0,0533561	0,957448	0,984232	no
AN11364	ChrVI_A_nidulans_FGSC_A4:2823796-2824236	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11365	ChrVI_A_nidulans_FGSC_A4:2817418-2817754	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11366	ChrVI_A_nidulans_FGSC_A4:2811809-2812181	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11374	ChrVI_A_nidulans_FGSC_A4:2251026-2251347	WT_5hasex	WT_veg	OK	21,0807	67,3487	1,67573	-2,3611	0,0182209	0,0828973	no
AN11375	ChrVI_A_nidulans_FGSC_A4:1695964-1696432	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11376	ChrVI_A_nidulans_FGSC_A4:1694804-1695318	WT_5hasex	WT_veg	OK	14,4803	10,2186	-0,502892	0,668498	0,503816	0,752331	no
AN11377	ChrVI_A_nidulans_FGSC_A4:1637686-1638209	WT_5hasex	WT_veg	OK	208,537	284,619	0,448729	-0,916682	0,359309	0,634028	no
AN11378	ChrVI_A_nidulans_FGSC_A4:1462209-1462868	WT_5hasex	WT_veg	OK	38,0775	32,1461	-0,244296	0,410024	0,681788	0,859509	no
AN11387	ChrVI_A_nidulans_FGSC_A4:1100126-1100782	WT_5hasex	WT_veg	OK	4,16543	10,6273	1,35124	-1,0424	0,297226	0,572451	no
AN11389	ChrVI_A_nidulans_FGSC_A4:1068543-1069277	WT_5hasex	WT_veg	NOTEST	0	3,6594	1.79769e+308	1.79769e+308	0,123323	1	no
AN11391	ChrVI_A_nidulans_FGSC_A4:972038-972320	WT_5hasex	WT_veg	OK	16,3877	120,125	2,87384	-3,86254	0,00011221	0,00121417	yes
AN11392	ChrVI_A_nidulans_FGSC_A4:914230-914547	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11395	ChrVI_A_nidulans_FGSC_A4:792666-793418	WT_5hasex	WT_veg	OK	190,846	157,463	-0,277392	0,569975	0,568694	0,794453	no
AN11406	ChrII_A_nidulans_FGSC_A4:3532947-3533230	WT_5hasex	WT_veg	OK	89,7023	355,16	1,98525	-3,3922	0,00069334	0,0057488	yes
AN11408	ChrII_A_nidulans_FGSC_A4:3437091-3437618	WT_5hasex	WT_veg	NOTEST	0,885078	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN11410	ChrII_A_nidulans_FGSC_A4:3375972-3376495	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11411	ChrII_A_nidulans_FGSC_A4:3309464-3310584	WT_5hasex	WT_veg	OK	1735,41	3290,32	0,92295	-1,54435	0,122505	0,332049	no
AN11419	ChrII_A_nidulans_FGSC_A4:2841409-2842362	WT_5hasex	WT_veg	OK	969,4	1169,34	0,270525	-0,479014	0,631929	0,831433	no
AN1142	ChrVIII_A_nidulans_FGSC_A4:1401097-1403018	WT_5hasex	WT_veg	OK	9,96454	30,7791	1,62708	-2,83899	0,00452571	0,0274614	yes
AN11425	ChrII_A_nidulans_FGSC_A4:2305266-2306037	WT_5hasex	WT_veg	OK	25,8533	63,639	1,29956	-1,83081	0,0671294	0,218886	no
AN1143	ChrVIII_A_nidulans_FGSC_A4:1397551-1399774	WT_5hasex	WT_veg	OK	97,5723	85,8276	-0,185029	0,373893	0,708484	0,87419	no
AN11431	ChrII_A_nidulans_FGSC_A4:1779486-1780055	WT_5hasex	WT_veg	OK	2,13885	6,46599	1,59603	-1,26915	0,204386	0,460577	no
AN11432	ChrII_A_nidulans_FGSC_A4:1598481-1598819	WT_5hasex	WT_veg	OK	7,24538	4,06642	-0,833303	0,535786	0,592106	0,808072	no
AN11435	ChrIII_A_nidulans_FGSC_A4:2317511-2318199	WT_5hasex	WT_veg	OK	4,82765	4,91008	0,0244267	-0,0165559	0,986791	0,995262	no
AN11436	ChrIII_A_nidulans_FGSC_A4:2186284-2187531	WT_5hasex	WT_veg	OK	13,8291	59,5384	2,10611	-3,65537	0,00025681	0,00247375	yes
AN11437	ChrIII_A_nidulans_FGSC_A4:2107637-2108037	WT_5hasex	WT_veg	OK	0,89943	4,19348	2,22106	-1,14626	0,251686	0,52039	no
AN11438	ChrIII_A_nidulans_FGSC_A4:2052955-2053271	WT_5hasex	WT_veg	OK	4,34177	7,21668	0,733053	-0,642389	0,520621	0,763954	no
AN11439	ChrIII_A_nidulans_FGSC_A4:1856511-1856976	WT_5hasex	WT_veg	OK	5,42217	9,17546	0,75891	-0,89277	0,37198	0,646797	no
AN1144	ChrVIII_A_nidulans_FGSC_A4:1393969-1396121	WT_5hasex	WT_veg	OK	22,5457	12,0534	-0,903411	1,67923	0,0931081	0,275373	no
AN11442	ChrIII_A_nidulans_FGSC_A4:1750924-1751358	WT_5hasex	WT_veg	NOTEST	1,0947	1,05105	-0,0587027	0,0179813	0,985654	1	no

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AN11444	ChrIII_A_nidulans_FGSC_A4:1526771-1527444	WT_5hasex	WT_veg	OK	679,861	991,942	0,545016	-1,10261	0,270198	0,542279	no
AN11445	ChrVIII_A_nidulans_FGSC_A4:1392030-1393888	WT_5hasex	WT_veg	OK	4,70877	7,09144	0,590727	-0,870142	0,384223	0,658019	no
AN11455	ChrIII_A_nidulans_FGSC_A4:202828-203383	WT_5hasex	WT_veg	OK	0	3,99893	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN11456	ChrIII_A_nidulans_FGSC_A4:136962-137275	WT_5hasex	WT_veg	OK	55,5803	163,073	1,55288	-2,23667	0,0253082	0,106453	no
AN11457	ChrIII_A_nidulans_FGSC_A4:121917-122446	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11461	ChrIII_A_nidulans_FGSC_A4:12330-12658	WT_5hasex	WT_veg	OK	7,13674	52,8784	2,88934	-3,35941	0,00078108	0,00636063	yes
AN11462	ChrV_A_nidulans_FGSC_A4:1134449-1135387	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11467	ChrV_A_nidulans_FGSC_A4:1399037-1399260	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11468	ChrV_A_nidulans_FGSC_A4:1400650-1400935	WT_5hasex	WT_veg	OK	2,31209	12,6366	2,45034	-1,6911	0,0908183	0,270621	no
AN1147	ChrVIII_A_nidulans_FGSC_A4:1385879-1386968	WT_5hasex	WT_veg	OK	30,0732	15,3519	-0,970061	1,67615	0,0937083	0,276617	no
AN11471	ChrV_A_nidulans_FGSC_A4:1559017-1559407	WT_5hasex	WT_veg	OK	4,19007	0	-1.79769e+308	-1.79769e+308	0,122325	0,331849	no
AN11473	ChrV_A_nidulans_FGSC_A4:3320758-3321725	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11475	ChrV_A_nidulans_FGSC_A4:3184501-3185124	WT_5hasex	WT_veg	OK	3,09133	6,86543	1,15112	-0,675124	0,499597	0,74936	no
AN11476	ChrV_A_nidulans_FGSC_A4:3055150-3055442	WT_5hasex	WT_veg	OK	52,664	7,91626	-2,73393	1,9631	0,0496349	0,176684	no
AN11477	ChrV_A_nidulans_FGSC_A4:2976196-2976863	WT_5hasex	WT_veg	OK	31,0187	4,87788	-2,66881	3,26578	0,00109162	0,00844203	yes
AN1148	ChrVIII_A_nidulans_FGSC_A4:1380938-1383168	WT_5hasex	WT_veg	OK	318,096	434,317	0,449287	-0,714683	0,474805	0,731437	no
AN11480	ChrV_A_nidulans_FGSC_A4:2729319-2730061	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11481	ChrV_A_nidulans_FGSC_A4:2680313-2680506	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11487	ChrV_A_nidulans_FGSC_A4:2122090-2122918	WT_5hasex	WT_veg	OK	303,37	245,792	-0,30364	0,620239	0,5351	0,77275	no
AN11489	ChrV_A_nidulans_FGSC_A4:1957539-1958019	WT_5hasex	WT_veg	OK	9235,95	9788,63	0,0838467	-0,143381	0,885989	0,956595	no
AN1149	ChrVIII_A_nidulans_FGSC_A4:1379245-1379718	WT_5hasex	WT_veg	OK	109,722	140,982	0,361663	-0,690902	0,489627	0,742381	no
AN11491	ChrI_A_nidulans_FGSC_A4:2090364-2091389	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11492	ChrI_A_nidulans_FGSC_A4:1920923-1921461	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11495	ChrI_A_nidulans_FGSC_A4:1731890-1732192	WT_5hasex	WT_veg	OK	21,3362	44,5875	1,06334	-1,43835	0,150334	0,379487	no
AN11499	ChrI_A_nidulans_FGSC_A4:1291611-1292219	WT_5hasex	WT_veg	OK	703,131	1121,69	0,673812	-1,31866	0,187284	0,436769	no
AN1150	ChrVIII_A_nidulans_FGSC_A4:1377491-1379122	WT_5hasex	WT_veg	OK	31,8043	39,5616	0,314877	-0,617889	0,536648	0,773417	no
AN11500	ChrI_A_nidulans_FGSC_A4:1189811-1190550	WT_5hasex	WT_veg	OK	29,884	40,5771	0,441292	-0,768728	0,442055	0,706043	no
AN11504	ChrI_A_nidulans_FGSC_A4:870995-871519	WT_5hasex	WT_veg	OK	78,6259	94,2744	0,261862	-0,454954	0,649142	0,841068	no
AN11507	ChrI_A_nidulans_FGSC_A4:574551-574675	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1151	ChrVIII_A_nidulans_FGSC_A4:1373456-1374787	WT_5hasex	WT_veg	OK	11,6709	16,4593	0,495988	-0,813716	0,415808	0,684766	no
AN11510	ChrI_A_nidulans_FGSC_A4:92757-93073	WT_5hasex	WT_veg	OK	13,4015	0	-1.79769e+308	-1.79769e+308	0,0524774	0,18352	no
AN11511	ChrI_A_nidulans_FGSC_A4:89765-90028	WT_5hasex	WT_veg	OK	2,73944	5,54138	1,01637	-0,596091	0,551114	0,782833	no
AN11518	ChrI_A_nidulans_FGSC_A4:23834-24147	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1152	ChrVIII_A_nidulans_FGSC_A4:1371167-1372185	WT_5hasex	WT_veg	OK	318,444	602,647	0,920273	-1,82154	0,0685254	0,22214	no
AN11523	ChrI_A_nidulans_FGSC_A4:2724842-2725867	WT_5hasex	WT_veg	OK	0	10,9267	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN11527	ChrI_A_nidulans_FGSC_A4:3162228-3162567	WT_5hasex	WT_veg	NOTEST	0,831973	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1153	ChrVIII_A_nidulans_FGSC_A4:1368427-1369264	WT_5hasex	WT_veg	NOTEST	1,19504	0	-1.79769e+308	-1.79769e+308	0,0341325	1	no
AN11533	ChrI_A_nidulans_FGSC_A4:3502077-3502536	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1154	ChrVIII_A_nidulans_FGSC_A4:1366221-1367072	WT_5hasex	WT_veg	OK	136,628	185,365	0,440108	-0,898569	0,368882	0,643626	no
AN11541	ChrIV_A_nidulans_FGSC_A4:1273071-1273766	WT_5hasex	WT_veg	OK	22,181	14,0415	-0,659625	0,744972	0,456289	0,717293	no
AN11543	ChrIV_A_nidulans_FGSC_A4:1215730-1216459	WT_5hasex	WT_veg	OK	598,227	1010,03	0,755634	-1,50595	0,132081	0,348979	no
AN11544	ChrIV_A_nidulans_FGSC_A4:949779-950043	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11550	ChrIV_A_nidulans_FGSC_A4:645881-646257	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11551	ChrIV_A_nidulans_FGSC_A4:640182-640512	WT_5hasex	WT_veg	OK	3,2233	14,0415	2,12309	-2,15677	0,0310232	0,124621	no
AN11552	ChrIV_A_nidulans_FGSC_A4:432979-433379	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1156	ChrVIII_A_nidulans_FGSC_A4:1354893-1362654	WT_5hasex	WT_veg	OK	11,781	22,3948	0,926695	-1,87828	0,0603427	0,203114	no
AN11563	ChrIV_A_nidulans_FGSC_A4:1591269-1591509	WT_5hasex	WT_veg	OK	12,5739	19,3087	0,618818	-0,658687	0,510097	0,756096	no
AN11565	ChrIV_A_nidulans_FGSC_A4:1724786-1725599	WT_5hasex	WT_veg	OK	683,146	890,398	0,382258	-0,75404	0,450825	0,712849	no
AN11568	ChrIV_A_nidulans_FGSC_A4:1859669-1859986	WT_5hasex	WT_veg	OK	121,137	186,228	0,620428	-1,09643	0,272889	0,545506	no
AN11570	ChrIV_A_nidulans_FGSC_A4:2250614-2250859	WT_5hasex	WT_veg	OK	1,80864	8,43253	2,22106	-1,14626	0,251686	0,52039	no
AN11574	ChrIV_A_nidulans_FGSC_A4:2841664-2842051	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11575	ChrIV_A_nidulans_FGSC_A4:2842721-2843035	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11577	ChrIV_A_nidulans_FGSC_A4:2879605-2879851	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN1158	ChrVIII_A_nidulans_FGSC_A4:1344348-1349070	WT_5hasex	WT_veg	OK	66,7083	96,742	0,536276	-1,05057	0,293455	0,568237	no
AN11581	ChrII_A_nidulans_FGSC_A4:73094-73238	WT_5hasex	WT_veg	OK	21,8691	89,7769	2,03745	-2,24738	0,0246156	0,104125	no
AN11582	ChrII_A_nidulans_FGSC_A4:80958-81538	WT_5hasex	WT_veg	OK	77,5552	86,5781	0,158779	-0,275011	0,783308	0,911645	no
AN11584	ChrII_A_nidulans_FGSC_A4:175276-175666	WT_5hasex	WT_veg	OK	9,58017	3,37301	-1,50601	1,04221	0,297314	0,572557	no
AN11585	ChrII_A_nidulans_FGSC_A4:362647-363664	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11586	ChrII_A_nidulans_FGSC_A4:384638-385057	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1159	ChrVIII_A_nidulans_FGSC_A4:1342140-1343909	WT_5hasex	WT_veg	OK	10,6303	23,0889	1,11901	-1,90416	0,0568898	0,194555	no
AN11590	ChrII_A_nidulans_FGSC_A4:939564-939707	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11595	ChrII_A_nidulans_FGSC_A4:1027660-1027943	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11597	ChrII_A_nidulans_FGSC_A4:1113732-1114472	WT_5hasex	WT_veg	OK	635,278	851,177	0,422071	-0,812041	0,416768	0,685741	no
AN1160	ChrVIII_A_nidulans_FGSC_A4:1341155-1341948	WT_5hasex	WT_veg	OK	2853,74	2613,45	-0,126898	0,193846	0,846297	0,93933	no
AN11600	ChrV_A_nidulans_FGSC_A4:28443-28843	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11605	ChrV_A_nidulans_FGSC_A4:282313-282832	WT_5hasex	WT_veg	NOTEST	0,857704	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN11609	ChrV_A_nidulans_FGSC_A4:427276-427790	WT_5hasex	WT_veg	OK	571,283	1024,06	0,842019	-1,62957	0,103192	0,29612	no
AN1161	ChrVIII_A_nidulans_FGSC_A4:1338557-1339178	WT_5hasex	WT_veg	OK	142,518	294,998	1,04956	-2,10383	0,0353934	0,1377	no
AN11611	ChrV_A_nidulans_FGSC_A4:434118-434593	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11616	ChrV_A_nidulans_FGSC_A4:667105-668018	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11619	ChrV_A_nidulans_FGSC_A4:801191-801281	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1162	ChrVIII_A_nidulans_FGSC_A4:1336833-1338101	WT_5hasex	WT_veg	OK	966,127	2635,06	1,44755	-2,5471	0,0108621	0,0556065	no
AN11621	ChrV_A_nidulans_FGSC_A4:832665-833164	WT_5hasex	WT_veg	OK	0	7,21668	1.79769e+308	1.79769e+308	0,036343	0,140531	no
AN11622	ChrV_A_nidulans_FGSC_A4:911036-911753	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11623	ChrV_A_nidulans_FGSC_A4:914893-915250	WT_5hasex	WT_veg	OK	4,94244	8,52753	0,786905	-0,729736	0,465552	0,724471	no
AN11624	ChrIII_A_nidulans_FGSC_A4:3384124-3384478	WT_5hasex	WT_veg	OK	17,91	0	-1.79769e+308	-1.79769e+308	0,0220724	0,0959983	no
AN11626	ChrIII_A_nidulans_FGSC_A4:3267634-3267931	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1163	ChrVIII_A_nidulans_FGSC_A4:1333826-1336505	WT_5hasex	WT_veg	OK	133,879	325,108	1,27999	-2,16262	0,0305705	0,123114	no
AN11630	ChrIII_A_nidulans_FGSC_A4:2952184-2952534	WT_5hasex	WT_veg	OK	14,3469	23,8132	0,731026	-0,949596	0,342318	0,61784	no
AN11631	ChrIII_A_nidulans_FGSC_A4:2740893-2741268	WT_5hasex	WT_veg	OK	82,4447	185,723	1,17166	-2,09325	0,0363267	0,140531	no
AN11632	ChrIII_A_nidulans_FGSC_A4:2575555-2576078	WT_5hasex	WT_veg	OK	2,69418	6,81529	1,33893	-1,0651	0,286831	0,561092	no
AN11633	ChrVII_A_nidulans_FGSC_A4:565758-566378	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1164	ChrVIII_A_nidulans_FGSC_A4:1330956-1332988	WT_5hasex	WT_veg	OK	19,0115	119,413	2,65102	-5,23834	1,6202E-07	3,5915E-06	yes
AN11641	ChrVI_A_nidulans_FGSC_A4:334435-335330	WT_5hasex	WT_veg	OK	8,62783	81,0408	3,23158	-2,8001	0,00510861	0,0302522	yes
AN11647	ChrVIII_A_nidulans_FGSC_A4:79615-80162	WT_5hasex	WT_veg	NOTEST	1,59673	3,48671	1,12674	-0,943695	0,345325	1	no
AN1165	ChrVIII_A_nidulans_FGSC_A4:1329361-1330711	WT_5hasex	WT_veg	OK	23,9926	47,4472	0,983734	-1,85714	0,0632912	0,209831	no
AN1166	ChrVIII_A_nidulans_FGSC_A4:1326198-1327732	WT_5hasex	WT_veg	OK	946,849	1301,77	0,459272	-0,773685	0,439117	0,703547	no
AN1167	ChrVIII_A_nidulans_FGSC_A4:1324325-1325943	WT_5hasex	WT_veg	OK	104,626	153,904	0,556788	-1,14848	0,25077	0,519381	no
AN11670	ChrV_A_nidulans_FGSC_A4:713522-713837	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11673	ChrVII_A_nidulans_FGSC_A4:8896-9103	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11679	ChrVI_A_nidulans_FGSC_A4:2684648-2685964	WT_5hasex	WT_veg	OK	11,7184	28,526	1,2835	-2,16806	0,0301541	0,12179	no
AN1168	ChrVIII_A_nidulans_FGSC_A4:1317326-1323805	WT_5hasex	WT_veg	OK	13,7402	27,1108	0,980462	-2,0164	0,0437587	0,161107	no
AN11681	ChrVI_A_nidulans_FGSC_A4:2665364-2668923	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11684	ChrVI_A_nidulans_FGSC_A4:2535773-2537648	WT_5hasex	WT_veg	OK	22,3477	52,3436	1,22789	-2,44189	0,0146106	0,0700928	no
AN11685	ChrVI_A_nidulans_FGSC_A4:2510891-2511309	WT_5hasex	WT_veg	OK	187,71	134,388	-0,482102	0,936756	0,348884	0,624649	no
AN11686	ChrVI_A_nidulans_FGSC_A4:2503001-2503319	WT_5hasex	WT_veg	OK	2,577	2,28646	-0,172574	0,101812	0,918906	0,969078	no
AN11687	ChrVI_A_nidulans_FGSC_A4:2480602-2481457	WT_5hasex	WT_veg	OK	74,9738	99,2478	0,404649	-0,792825	0,42788	0,694547	no
AN11688	ChrVI_A_nidulans_FGSC_A4:2452483-2453145	WT_5hasex	WT_veg	OK	68,5342	77,7418	0,181866	-0,329161	0,742034	0,891531	no
AN11689	ChrVI_A_nidulans_FGSC_A4:2432559-2433806	WT_5hasex	WT_veg	OK	9,40387	2,49451	-1,9145	1,32843	0,184038	0,432231	no
AN1169	ChrVIII_A_nidulans_FGSC_A4:1315567-1316266	WT_5hasex	WT_veg	OK	6,99115	9,43506	0,432503	-0,521276	0,602174	0,814443	no
AN11690	ChrVI_A_nidulans_FGSC_A4:2407531-2408478	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11691	ChrVI_A_nidulans_FGSC_A4:2370869-2371577	WT_5hasex	WT_veg	OK	42,305	104,724	1,30769	-2,46522	0,0136931	0,0666244	no
AN11692	ChrVI_A_nidulans_FGSC_A4:2218996-2219659	WT_5hasex	WT_veg	OK	4,89248	5,70258	0,221048	-0,230268	0,817883	0,927067	no
AN11693	ChrVI_A_nidulans_FGSC_A4:2216951-2217272	WT_5hasex	WT_veg	OK	116,786	159,76	0,452044	-0,873643	0,382313	0,656356	no
AN11694	ChrVI_A_nidulans_FGSC_A4:2215179-2216452	WT_5hasex	WT_veg	OK	70,0001	111,088	0,666272	-1,36223	0,173126	0,415943	no
AN11695	ChrVI_A_nidulans_FGSC_A4:2191185-2191889	WT_5hasex	WT_veg	OK	4,90288	11,6295	1,24609	-1,56244	0,118185	0,324365	no

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AN11696	ChrVI_A_nidulans_FGSC_A4:2097481-2098228	WT_5hasex	WT_veg	OK	3,75649	10,1749	1,43755	-1,86444	0,0622598	0,207382	no
AN11697	ChrVI_A_nidulans_FGSC_A4:2087833-2089303	WT_5hasex	WT_veg	OK	72,9524	68,4577	-0,0917419	0,175162	0,860952	0,946257	no
AN11698	ChrVI_A_nidulans_FGSC_A4:2084675-2086499	WT_5hasex	WT_veg	OK	4,98407	6,52669	0,389026	-0,587098	0,557138	0,786935	no
AN11699	ChrVI_A_nidulans_FGSC_A4:2049944-2050601	WT_5hasex	WT_veg	OK	29,7953	148,727	2,31951	-3,92439	8,6949E-05	0,0009717	yes
AN11700	ChrVI_A_nidulans_FGSC_A4:2006543-2006914	WT_5hasex	WT_veg	OK	15,0507	8,67487	-0,794917	0,869373	0,384643	0,658459	no
AN11701	ChrVI_A_nidulans_FGSC_A4:2002195-2002734	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11702	ChrVI_A_nidulans_FGSC_A4:1999802-2000736	WT_5hasex	WT_veg	OK	283,344	30,6702	-3,20765	5,96721	2,4135E-09	7,8701E-08	yes
AN11703	ChrVI_A_nidulans_FGSC_A4:1997455-1998241	WT_5hasex	WT_veg	OK	1,88701	1,25736	-0,585702	0,400765	0,688593	0,862979	no
AN11704	ChrVI_A_nidulans_FGSC_A4:1977238-1978206	WT_5hasex	WT_veg	OK	62,4759	180,628	1,53165	-3,06406	0,00218355	0,0150397	yes
AN11705	ChrVI_A_nidulans_FGSC_A4:1885028-1885877	WT_5hasex	WT_veg	OK	4492,04	23171,7	2,36692	-2,79427	0,00520163	0,0307024	yes
AN11706	ChrVI_A_nidulans_FGSC_A4:1858737-1861409	WT_5hasex	WT_veg	OK	30,4467	43,1803	0,50409	-1,03883	0,298884	0,574198	no
AN11707	ChrVI_A_nidulans_FGSC_A4:1856107-1857670	WT_5hasex	WT_veg	OK	4,38001	5,15651	0,235461	-0,336072	0,736817	0,88938	no
AN11708	ChrVI_A_nidulans_FGSC_A4:1656377-1657499	WT_5hasex	WT_veg	OK	3,27101	9,58216	1,55062	-1,7352	0,0827057	0,253729	no
AN11709	ChrVI_A_nidulans_FGSC_A4:1595670-1598568	WT_5hasex	WT_veg	OK	11,6888	20,3835	0,802279	-1,25828	0,208289	0,465742	no
AN1171	ChrVIII_A_nidulans_FGSC_A4:1308283-1311590	WT_5hasex	WT_veg	OK	22,7158	28,8762	0,346183	-0,71101	0,477078	0,732908	no
AN11710	ChrII_A_nidulans_FGSC_A4:3768358-3768903	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11711	ChrII_A_nidulans_FGSC_A4:3761971-3762370	WT_5hasex	WT_veg	OK	4,16604	0	-1.79769e+308	-1.79769e+308	0,061245	0,20511	no
AN11712	ChrII_A_nidulans_FGSC_A4:3735979-3736884	WT_5hasex	WT_veg	OK	7,25432	6,79025	-0,0953763	0,128197	0,897993	0,960928	no
AN11713	ChrII_A_nidulans_FGSC_A4:3734286-3735842	WT_5hasex	WT_veg	OK	12,0901	22,7843	0,914217	-1,56488	0,11761	0,323214	no
AN11714	ChrII_A_nidulans_FGSC_A4:3699849-3700421	WT_5hasex	WT_veg	OK	7,70019	31,396	2,02762	-2,79141	0,00524791	0,0309253	yes
AN11715	ChrII_A_nidulans_FGSC_A4:3678173-3678679	WT_5hasex	WT_veg	OK	32,4152	54,1466	0,7402	-1,08703	0,277023	0,550286	no
AN11716	ChrII_A_nidulans_FGSC_A4:3651524-3651810	WT_5hasex	WT_veg	OK	13,6562	31,8196	1,22036	-1,55609	0,119687	0,327203	no
AN11717	ChrII_A_nidulans_FGSC_A4:3648594-3649517	WT_5hasex	WT_veg	NOTEST	1,07351	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN11718	ChrII_A_nidulans_FGSC_A4:3545210-3545988	WT_5hasex	WT_veg	OK	71,7898	112,255	0,644933	-1,28759	0,197888	0,451644	no
AN11719	ChrII_A_nidulans_FGSC_A4:3527981-3529720	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1172	ChrVIII_A_nidulans_FGSC_A4:1304967-1307231	WT_5hasex	WT_veg	OK	44,8514	60,7142	0,436881	-0,875672	0,381208	0,655512	no
AN11720	ChrII_A_nidulans_FGSC_A4:3495781-3496587	WT_5hasex	WT_veg	OK	9,13115	30,122	1,72195	-2,5407	0,0110632	0,0564165	no
AN11721	ChrII_A_nidulans_FGSC_A4:3478446-3483603	WT_5hasex	WT_veg	OK	7,37602	11,3571	0,622685	-1,1977	0,231033	0,495181	no
AN11722	ChrII_A_nidulans_FGSC_A4:3464830-3465529	WT_5hasex	WT_veg	OK	12,0325	38,4472	1,67595	-2,5486	0,0108156	0,0554289	no
AN11723	ChrII_A_nidulans_FGSC_A4:3415398-3415755	WT_5hasex	WT_veg	OK	3,59918	0,509646	-2,8201	0,937069	0,348723	0,62451	no
AN11724	ChrII_A_nidulans_FGSC_A4:3405001-3407450	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11725	ChrII_A_nidulans_FGSC_A4:3342187-3343794	WT_5hasex	WT_veg	NOTEST	1,64882	0,753322	-1,1301	0,406885	0,684093	1	no
AN11728	ChrII_A_nidulans_FGSC_A4:3333468-3334329	WT_5hasex	WT_veg	OK	116,594	299,64	1,36174	-2,802	0,00507864	0,0301121	yes
AN11729	ChrII_A_nidulans_FGSC_A4:3268177-3269988	WT_5hasex	WT_veg	OK	31,2478	141,614	2,18014	-4,50572	6,6148E-06	9,9406E-05	yes
AN1173	ChrVIII_A_nidulans_FGSC_A4:1303349-1304561	WT_5hasex	WT_veg	OK	30,6595	51,5399	0,749353	-1,44009	0,149843	0,37865	no
AN11730	ChrII_A_nidulans_FGSC_A4:3267103-3267852	WT_5hasex	WT_veg	OK	59,1772	113,037	0,93368	-1,79878	0,072053	0,230171	no
AN11731	ChrII_A_nidulans_FGSC_A4:3169800-3170393	WT_5hasex	WT_veg	OK	1,82866	8,52817	2,22145	-2,22091	0,0263571	0,109852	no
AN11732	ChrII_A_nidulans_FGSC_A4:3169136-3169704	WT_5hasex	WT_veg	OK	2,62426	7,63835	1,54135	-1,65183	0,0985684	0,286382	no
AN11733	ChrII_A_nidulans_FGSC_A4:2996898-2998229	WT_5hasex	WT_veg	OK	1,2156	4,24152	1,80291	-1,26043	0,207515	0,464749	no
AN11735	ChrVIII_A_nidulans_FGSC_A4:3526618-3527633	WT_5hasex	WT_veg	OK	2,09316	4,00582	0,936416	-0,912299	0,361611	0,636234	no
AN11738	ChrVIII_A_nidulans_FGSC_A4:3436210-3437110	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11739	ChrVIII_A_nidulans_FGSC_A4:3315533-3318341	WT_5hasex	WT_veg	NOTEST	0,185369	0,675778	1,86615	-0,820888	0,41171	1	no
AN1174	ChrVIII_A_nidulans_FGSC_A4:1297676-1302953	WT_5hasex	WT_veg	NOTEST	1,8025	2,44782	0,441496	-0,625958	0,531342	1	no
AN11742	ChrVIII_A_nidulans_FGSC_A4:3293579-3294591	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11745	ChrIV_A_nidulans_FGSC_A4:1586467-1588507	WT_5hasex	WT_veg	NOTEST	0,650776	0,335928	-0,954007	0,189785	0,849478	1	no
AN11746	ChrIV_A_nidulans_FGSC_A4:1644545-1645781	WT_5hasex	WT_veg	OK	19,696	29,6568	0,590461	-1,07196	0,283737	0,557495	no
AN11747	ChrIV_A_nidulans_FGSC_A4:1646371-1647774	WT_5hasex	WT_veg	OK	12,2728	30,9672	1,33528	-2,2391	0,0251496	0,105931	no
AN11748	ChrIV_A_nidulans_FGSC_A4:1682101-1682515	WT_5hasex	WT_veg	OK	21,0663	18,9262	-0,154548	0,216694	0,828447	0,931654	no
AN11749	ChrIV_A_nidulans_FGSC_A4:1688014-1689225	WT_5hasex	WT_veg	OK	3,61856	14,6896	2,0213	-2,77509	0,00551858	0,0322165	yes
AN1175	ChrVIII_A_nidulans_FGSC_A4:1294546-1295736	WT_5hasex	WT_veg	OK	18,9086	85,9703	2,1848	-3,87384	0,00010714	0,00116535	yes
AN11750	ChrIV_A_nidulans_FGSC_A4:1800934-1801204	WT_5hasex	WT_veg	OK	0	8,52487	1.79769e+308	1.79769e+308	0,0214879	0,0941005	no
AN11751	ChrIV_A_nidulans_FGSC_A4:1822501-1824057	WT_5hasex	WT_veg	OK	3,76721	10,8517	1,52635	-1,65542	0,0978402	0,28485	no
AN11752	ChrIV_A_nidulans_FGSC_A4:1829263-1830664	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN11753	ChrIV_A_nidulans_FGSC_A4:1889046-1889684	WT_5hasex	WT_veg	OK	13,7775	47,0791	1,77277	-2,64083	0,00827028	0,0447798	yes
AN11754	ChrIV_A_nidulans_FGSC_A4:1937404-1938171	WT_5hasex	WT_veg	OK	21,2274	10,7818	-0,977323	1,50933	0,131215	0,347268	no
AN11755	ChrIV_A_nidulans_FGSC_A4:1955141-1955789	WT_5hasex	WT_veg	OK	21,1759	25,4887	0,267436	-0,438321	0,661154	0,847907	no
AN11756	ChrIV_A_nidulans_FGSC_A4:2000449-2000949	WT_5hasex	WT_veg	NOTEST	1,08569	3,61794	1,73656	-1,12819	0,259239		1 no
AN11757	ChrIV_A_nidulans_FGSC_A4:2033461-2034070	WT_5hasex	WT_veg	OK	71,3924	172,055	1,26903	-2,24912	0,0245048	0,103741	no
AN11758	ChrIV_A_nidulans_FGSC_A4:2048036-2049791	WT_5hasex	WT_veg	OK	4,2229	7,87633	0,899291	-1,21229	0,225402	0,487817	no
AN1176	ChrVIII_A_nidulans_FGSC_A4:1292298-1294125	WT_5hasex	WT_veg	OK	17,6573	35,9421	1,02541	-1,95218	0,0509164	0,179974	no
AN11762	ChrIV_A_nidulans_FGSC_A4:2109647-2110283	WT_5hasex	WT_veg	OK	0,920184	6,81716	2,88918	-2,75351	0,00589594	0,0339916	yes
AN11764	ChrIV_A_nidulans_FGSC_A4:2122324-2123166	WT_5hasex	WT_veg	OK	10,3382	13,0177	0,332486	-0,487778	0,625707	0,827778	no
AN11765	ChrIII_A_nidulans_FGSC_A4:762584-763157	WT_5hasex	WT_veg	OK	20,6137	56,0558	1,44326	-2,34431	0,0190626	0,0858249	no
AN11766	ChrIII_A_nidulans_FGSC_A4:742249-742726	WT_5hasex	WT_veg	OK	32,1795	331,597	3,36522	-5,74894	8,9803E-09	2,6261E-07	yes
AN11767	ChrIII_A_nidulans_FGSC_A4:719711-720066	WT_5hasex	WT_veg	OK	2,45693	5,04182	1,03709	-0,791992	0,428365	0,694874	no
AN11768	ChrIII_A_nidulans_FGSC_A4:551782-552328	WT_5hasex	WT_veg	OK	8,98753	14,2431	0,664272	-0,860406	0,389565	0,662967	no
AN11769	ChrIII_A_nidulans_FGSC_A4:545287-545668	WT_5hasex	WT_veg	OK	0,939434	6,7102	2,83649	-1,93064	0,053528	0,186179	no
AN1177	ChrVIII_A_nidulans_FGSC_A4:1288697-1291941	WT_5hasex	WT_veg	OK	55,5062	64,1117	0,207937	-0,427122	0,669291	0,852059	no
AN11770	ChrIII_A_nidulans_FGSC_A4:517634-518435	WT_5hasex	WT_veg	OK	93,3108	194,099	1,05668	-2,06131	0,0392735	0,148851	no
AN11771	ChrIII_A_nidulans_FGSC_A4:388810-389144	WT_5hasex	WT_veg	OK	9,18528	12,8231	0,481347	-0,560751	0,574967	0,798173	no
AN11772	ChrIII_A_nidulans_FGSC_A4:379988-381455	WT_5hasex	WT_veg	OK	15,0875	9,34503	-0,691082	1,20522	0,228119	0,491165	no
AN11773	ChrIII_A_nidulans_FGSC_A4:324341-326703	WT_5hasex	WT_veg	OK	6,66585	47,0193	2,81839	-4,7887	1,6786E-06	2,9351E-05	yes
AN11774	ChrIII_A_nidulans_FGSC_A4:322138-323650	WT_5hasex	WT_veg	OK	9,67055	12,7474	0,398533	-0,655845	0,511924	0,757342	no
AN11775	ChrIII_A_nidulans_FGSC_A4:300113-300779	WT_5hasex	WT_veg	OK	49,4431	90,0343	0,864706	-1,59839	0,109956	0,309165	no
AN11776	ChrIII_A_nidulans_FGSC_A4:294203-294889	WT_5hasex	WT_veg	OK	20,9011	46,9089	1,16628	-1,87998	0,0601109	0,202594	no
AN11777	ChrIII_A_nidulans_FGSC_A4:285542-288237	WT_5hasex	WT_veg	NOTEST	0,243601	0	-1.79769e+308	-1.79769e+308	0,114919		1 no
AN11778	ChrIII_A_nidulans_FGSC_A4:283019-284812	WT_5hasex	WT_veg	OK	29,3094	27,4322	-0,0954912	0,192944	0,847003	0,939658	no
AN11779	ChrIII_A_nidulans_FGSC_A4:243607-244446	WT_5hasex	WT_veg	NOTEST	1,15634	0	-1.79769e+308	-1.79769e+308	0,081629		1 no
AN1178	ChrVIII_A_nidulans_FGSC_A4:1287665-1288447	WT_5hasex	WT_veg	OK	99,271	177,85	0,841221	-1,67837	0,0932746	0,275756	no
AN11780	ChrIII_A_nidulans_FGSC_A4:210001-210301	WT_5hasex	WT_veg	OK	3,96761	15,7396	1,98806	-1,88464	0,0594782	0,201095	no
AN11781	ChrV_A_nidulans_FGSC_A4:2194074-2196833	WT_5hasex	WT_veg	NOTEST	0,358193	0	-1.79769e+308	-1.79769e+308	0,179325		1 no
AN11782	ChrV_A_nidulans_FGSC_A4:2184797-2186518	WT_5hasex	WT_veg	NOTEST	1,54635	0,911557	-0,762461	0,392605	0,694611		1 no
AN11783	ChrV_A_nidulans_FGSC_A4:2178020-2182109	WT_5hasex	WT_veg	NOTEST	0,232365	1,52801	2,71719	-1,58268	0,113494		1 no
AN11784	ChrV_A_nidulans_FGSC_A4:2119167-2119536	WT_5hasex	WT_veg	OK	61,6053	169,378	1,45912	-2,48826	0,0128368	0,0634407	no
AN11785	ChrV_A_nidulans_FGSC_A4:2063639-2064119	WT_5hasex	WT_veg	OK	2,71667	5,15812	0,925007	-0,904017	0,365987	0,6408	no
AN11787	ChrV_A_nidulans_FGSC_A4:1957539-1958019	WT_5hasex	WT_veg	OK	6338,4	6253,43	-0,0194721	0,0289069	0,976939	0,992027	no
AN11788	ChrV_A_nidulans_FGSC_A4:1954108-1955225	WT_5hasex	WT_veg	OK	32,0786	89,0504	1,47301	-2,85474	0,00430716	0,0263673	yes
AN11789	ChrV_A_nidulans_FGSC_A4:1911604-1912390	WT_5hasex	WT_veg	OK	300,308	685,02	1,1897	-2,36212	0,0181709	0,084305	no
AN1179	ChrVIII_A_nidulans_FGSC_A4:1285324-1287347	WT_5hasex	WT_veg	OK	108,79	119,259	0,132558	-0,272101	0,785544	0,912446	no
AN11791	ChrVII_A_nidulans_FGSC_A4:1938408-1938861	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN11792	ChrVII_A_nidulans_FGSC_A4:1989831-1991296	WT_5hasex	WT_veg	OK	3,08508	8,53468	1,46803	-1,93008	0,0535975	0,186359	no
AN11793	ChrVII_A_nidulans_FGSC_A4:1991399-1993545	WT_5hasex	WT_veg	OK	3,26204	3,90939	0,261172	-0,374095	0,708333	0,874169	no
AN11794	ChrVII_A_nidulans_FGSC_A4:2022428-2023564	WT_5hasex	WT_veg	OK	7,24662	19,5268	1,43008	-2,1812	0,0291684	0,118699	no
AN11795	ChrVII_A_nidulans_FGSC_A4:2023723-2024694	WT_5hasex	WT_veg	OK	6,16839	20,0567	1,70112	-2,4595	0,0139131	0,0674693	no
AN11796	ChrVII_A_nidulans_FGSC_A4:2093330-2094050	WT_5hasex	WT_veg	OK	26,0618	46,6064	0,838588	-1,42266	0,154835	0,386953	no
AN11797	ChrVII_A_nidulans_FGSC_A4:2261806-2262110	WT_5hasex	WT_veg	OK	71,403	156,636	1,13336	-1,81917	0,0688859	0,222935	no
AN11798	ChrVII_A_nidulans_FGSC_A4:2298054-2301330	WT_5hasex	WT_veg	NOTEST	1,43657	2,12723	0,566348	-0,60309	0,546449		1 no
AN11799	ChrVII_A_nidulans_FGSC_A4:2301987-2302715	WT_5hasex	WT_veg	NOTEST	0,371836	0	-1.79769e+308	-1.79769e+308	0,23809		1 no
AN11800	ChrVII_A_nidulans_FGSC_A4:2321137-2324343	WT_5hasex	WT_veg	OK	4,16587	17,2194	2,04734	-2,24346	0,0248675	0,104954	no
AN11801	ChrVII_A_nidulans_FGSC_A4:2354721-2355300	WT_5hasex	WT_veg	OK	29,8789	188,389	2,65651	-4,51527	6,3237E-06	9,558E-05	yes
AN11802	ChrVII_A_nidulans_FGSC_A4:2368999-2369706	WT_5hasex	WT_veg	OK	41,2937	71,2064	0,786086	-1,42853	0,153139	0,384355	no
AN11803	ChrVII_A_nidulans_FGSC_A4:2392379-2393493	WT_5hasex	WT_veg	OK	11,0173	28,5787	1,37517	-2,24349	0,0248651	0,104952	no
AN11804	ChrVII_A_nidulans_FGSC_A4:2393776-2397265	WT_5hasex	WT_veg	OK	4,99549	6,06894	0,280816	-0,481181	0,630388	0,830739	no
AN11808	ChrV_A_nidulans_FGSC_A4:2923772-2924698	WT_5hasex	WT_veg	OK	14,3863	22,8245	0,665883	-1,05455	0,291631	0,56636	no
AN11809	ChrV_A_nidulans_FGSC_A4:2869507-2871481	WT_5hasex	WT_veg	NOTEST	0,236164	1,43223	2,6004	-1,86713	0,0618832		1 no
AN11810	ChrV_A_nidulans_FGSC_A4:2868599-2869295	WT_5hasex	WT_veg	OK	3,24774	7,31575	1,17157	-1,4018	0,160976	0,396591	no

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AN11811	ChrV_A_nidulans_FGSC_A4:2720210-2720860	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11812	ChrV_A_nidulans_FGSC_A4:2714943-2715551	WT_5hasex	WT_veg	NOTEST	0	3,47889	1.79769e+308	1.79769e+308	0,036343		1 no
AN11813	ChrV_A_nidulans_FGSC_A4:2669775-2670678	WT_5hasex	WT_veg	OK	51,1784	72,2447	0,497356	-0,962088	0,336006	0,612122	no
AN11814	ChrV_A_nidulans_FGSC_A4:2595543-2596002	WT_5hasex	WT_veg	NOTEST	1,38526	0	-1.79769e+308	-1.79769e+308	0,0793015		1 no
AN11815	ChrV_A_nidulans_FGSC_A4:2567602-2568475	WT_5hasex	WT_veg	OK	17,861	63,5846	1,83186	-3,14639	0,001653	0,01191	yes
AN11817	ChrVIII_A_nidulans_FGSC_A4:25125-25504	WT_5hasex	WT_veg	OK	5,01351	8,21815	0,712993	-0,680328	0,496297	0,746918	no
AN11818	ChrVIII_A_nidulans_FGSC_A4:168609-170245	WT_5hasex	WT_veg	OK	2,27099	3,71489	0,71	-0,875574	0,381262	0,655561	no
AN11820	ChrVIII_A_nidulans_FGSC_A4:186926-190188	WT_5hasex	WT_veg	NOTEST	0,748342	0	-1.79769e+308	-1.79769e+308	0,0261488		1 no
AN11821	ChrVIII_A_nidulans_FGSC_A4:190659-192330	WT_5hasex	WT_veg	NOTEST	0,384828	0,122905	-1,64667	0,53951	0,589535		1 no
AN11823	ChrVIII_A_nidulans_FGSC_A4:311444-312926	WT_5hasex	WT_veg	OK	2,25433	6,48267	1,52389	-1,92457	0,0542827	0,188055	no
AN11824	ChrVIII_A_nidulans_FGSC_A4:313650-315357	WT_5hasex	WT_veg	OK	48,2495	30,0247	-0,684363	1,4056	0,159842	0,395208	no
AN11825	ChrVIII_A_nidulans_FGSC_A4:348156-348846	WT_5hasex	WT_veg	OK	1,34888	6,47479	2,26307	-2,37522	0,0175383	0,0805826	no
AN11828	ChrVIII_A_nidulans_FGSC_A4:410073-411159	WT_5hasex	WT_veg	OK	9,96602	18,0472	0,856684	-1,35449	0,175579	0,419959	no
AN1183	ChrVIII_A_nidulans_FGSC_A4:1262574-1264978	WT_5hasex	WT_veg	NOTEST	0,49012	0,478148	-0,0356778	0,0274309	0,978116		1 no
AN11832	ChrVIII_A_nidulans_FGSC_A4:547114-548505	WT_5hasex	WT_veg	OK	34,9229	62,5352	0,840494	-1,69007	0,0910146	0,271055	no
AN11836	ChrVI_A_nidulans_FGSC_A4:849454-850164	WT_5hasex	WT_veg	OK	1,55022	4,32704	1,48091	-1,46616	0,142606	0,366909	no
AN11837	ChrVI_A_nidulans_FGSC_A4:788979-789430	WT_5hasex	WT_veg	OK	90,166	163,054	0,854694	-1,56037	0,118673	0,325281	no
AN1184	ChrVIII_A_nidulans_FGSC_A4:1261153-1262491	WT_5hasex	WT_veg	OK	2,91197	3,91755	0,427956	-0,55084	0,581743	0,802182	no
AN11840	ChrVIII_A_nidulans_FGSC_A4:1582410-1583322	WT_5hasex	WT_veg	OK	4,59746	3,4695	-0,40611	0,438011	0,661379	0,848013	no
AN11841	ChrVIII_A_nidulans_FGSC_A4:1559900-1562442	WT_5hasex	WT_veg	OK	17,1135	34,0984	0,994564	-1,41879	0,155961	0,388804	no
AN11842	ChrVIII_A_nidulans_FGSC_A4:1480169-1481488	WT_5hasex	WT_veg	NOTEST	0,667904	0	-1.79769e+308	-1.79769e+308	0,107729		1 no
AN11843	ChrVIII_A_nidulans_FGSC_A4:1403201-1403504	WT_5hasex	WT_veg	OK	19,843	137,476	2,79248	-4,1099	3,9583E-05	0,00048852	yes
AN11844	ChrVIII_A_nidulans_FGSC_A4:1383391-1384356	WT_5hasex	WT_veg	OK	1,19892	4,35228	1,86003	-1,69174	0,0906946	0,27048	no
AN11845	ChrVIII_A_nidulans_FGSC_A4:1380250-1380782	WT_5hasex	WT_veg	OK	6,2503	19,0809	1,61013	-1,91089	0,0560188	0,192328	no
AN11846	ChrVIII_A_nidulans_FGSC_A4:4460858-4462628	WT_5hasex	WT_veg	OK	0	35,2681	1.79769e+308	1.79769e+308	0,00418287	0,0257246	yes
AN11849	ChrVIII_A_nidulans_FGSC_A4:4398520-4400860	WT_5hasex	WT_veg	OK	8,6939	22,8265	1,39263	-2,0276	0,0426011	0,157913	no
AN1185	ChrVIII_A_nidulans_FGSC_A4:1259131-1260785	WT_5hasex	WT_veg	OK	0,537143	4,32197	3,00831	-2,88342	0,00393383	0,024459	yes
AN11850	ChrVIII_A_nidulans_FGSC_A4:4084483-4085469	WT_5hasex	WT_veg	OK	19,1284	22,1904	0,214215	-0,330631	0,740923	0,891277	no
AN11851	ChrI_A_nidulans_FGSC_A4:780858-781473	WT_5hasex	WT_veg	OK	3,21344	1,82099	-0,819399	0,541244	0,58834	0,806081	no
AN11852	ChrI_A_nidulans_FGSC_A4:755058-755508	WT_5hasex	WT_veg	OK	2,93671	21,8758	2,89706	-3,29963	0,00096814	0,00763956	yes
AN11853	ChrI_A_nidulans_FGSC_A4:567765-570974	WT_5hasex	WT_veg	OK	7,95937	14,8019	0,895058	-1,63257	0,10256	0,294814	no
AN11854	ChrI_A_nidulans_FGSC_A4:566795-567470	WT_5hasex	WT_veg	OK	21,7838	67,3911	1,6293	-2,69328	0,00707523	0,0394421	yes
AN11855	ChrI_A_nidulans_FGSC_A4:426392-427075	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11856	ChrI_A_nidulans_FGSC_A4:424306-424907	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11857	ChrI_A_nidulans_FGSC_A4:421973-422704	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11858	ChrI_A_nidulans_FGSC_A4:377039-378804	WT_5hasex	WT_veg	OK	21,0424	63,1311	1,58505	-3,10179	0,00192355	0,0135063	yes
AN11859	ChrI_A_nidulans_FGSC_A4:375455-376804	WT_5hasex	WT_veg	OK	34,4694	52,9934	0,620497	-1,20577	0,227906	0,491005	no
AN1186	ChrVIII_A_nidulans_FGSC_A4:1255125-1256794	WT_5hasex	WT_veg	OK	2,24624	4,00736	0,835143	-1,07792	0,281068	0,554725	no
AN11860	ChrVII_A_nidulans_FGSC_A4:2592922-2593314	WT_5hasex	WT_veg	OK	2,26398	5,52166	1,28624	-1,12657	0,259923	0,530331	no
AN11861	ChrVII_A_nidulans_FGSC_A4:2725681-2726940	WT_5hasex	WT_veg	OK	11,0091	67,3523	2,61302	-4,2567	2,0747E-05	0,00027537	yes
AN11862	ChrVII_A_nidulans_FGSC_A4:2727139-2727796	WT_5hasex	WT_veg	OK	83,2586	351,986	2,07985	-4,19596	2,7172E-05	0,00035105	yes
AN11863	ChrVII_A_nidulans_FGSC_A4:2738148-2739032	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11864	ChrVII_A_nidulans_FGSC_A4:2811586-2815780	WT_5hasex	WT_veg	OK	16,2799	38,0701	1,22557	-2,18752	0,0287046	0,117184	no
AN11865	ChrVII_A_nidulans_FGSC_A4:2875581-2880455	WT_5hasex	WT_veg	OK	5,70092	7,63412	0,421269	-0,636569	0,524406	0,766012	no
AN11866	ChrVII_A_nidulans_FGSC_A4:2929502-2929845	WT_5hasex	WT_veg	OK	150,668	638,693	2,08375	-4,01378	5,9755E-05	0,00069973	yes
AN11867	ChrVII_A_nidulans_FGSC_A4:2933923-2936050	WT_5hasex	WT_veg	OK	42,5491	43,3356	0,0264255	-0,0533805	0,957429	0,984232	no
AN11869	ChrVII_A_nidulans_FGSC_A4:2972366-2972924	WT_5hasex	WT_veg	OK	2,0451	38,9825	4,25258	-4,58429	4,5554E-06	7,1123E-05	yes
AN1187	ChrVIII_A_nidulans_FGSC_A4:1253196-1254678	WT_5hasex	WT_veg	OK	16,3706	25,4029	0,633891	-1,08886	0,276215	0,549305	no
AN11871	ChrV_A_nidulans_FGSC_A4:303033-305865	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11872	ChrV_A_nidulans_FGSC_A4:416898-417304	WT_5hasex	WT_veg	OK	57,4343	109,174	0,926641	-1,45868	0,144654	0,370397	no
AN11873	ChrV_A_nidulans_FGSC_A4:522032-523097	WT_5hasex	WT_veg	OK	6,07787	16,7796	1,46507	-2,01727	0,043667	0,160838	no
AN11874	ChrV_A_nidulans_FGSC_A4:523442-528619	WT_5hasex	WT_veg	OK	11,0952	50,2712	2,17979	-3,77386	0,00016074	0,00165153	yes
AN11875	ChrV_A_nidulans_FGSC_A4:552791-553452	WT_5hasex	WT_veg	NOTEST	0,593117	0	-1.79769e+308	-1.79769e+308	0,224063		1 no

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AN11876	ChrV_A_nidulans_FGSC_A4:579327-579768	WT_5hasex	WT_veg	NOTEST	1,37858	0	-1.79769e+308	-1.79769e+308	0,0649158	1	no
AN11877	ChrV_A_nidulans_FGSC_A4:646029-646465	WT_5hasex	WT_veg	NOTEST	0,302536	0,294379	-0,0394318	0,00603921	0,995181	1	no
AN11878	ChrV_A_nidulans_FGSC_A4:663459-664481	WT_5hasex	WT_veg	NOTEST	0,91624	1,93948	1,08188	-0,906116	0,364875	1	no
AN11879	ChrV_A_nidulans_FGSC_A4:679015-679333	WT_5hasex	WT_veg	OK	3,18938	6,18162	0,954708	-0,823238	0,410373	0,680343	no
AN1188	ChrVIII_A_nidulans_FGSC_A4:1251198-1252898	WT_5hasex	WT_veg	OK	38,1617	121,694	1,67306	-3,3968	0,00068179	0,00566561	yes
AN11880	ChrVII_A_nidulans_FGSC_A4:1334699-1336049	WT_5hasex	WT_veg	OK	17,5202	29,1857	0,736243	-1,30895	0,190551	0,441431	no
AN11881	ChrVII_A_nidulans_FGSC_A4:1336839-1337417	WT_5hasex	WT_veg	OK	3,38231	1,72782	-0,96905	0,657908	0,510597	0,756416	no
AN11882	ChrVII_A_nidulans_FGSC_A4:1389343-1389640	WT_5hasex	WT_veg	OK	52,3096	289,417	2,468	-3,78935	0,00015104	0,00156268	yes
AN11883	ChrVII_A_nidulans_FGSC_A4:1490624-1490930	WT_5hasex	WT_veg	OK	12,8006	3,246	-1,97948	1,37154	0,170207	0,411269	no
AN11884	ChrVII_A_nidulans_FGSC_A4:1497804-1498281	WT_5hasex	WT_veg	OK	6,76391	3,29186	-1,03895	0,975763	0,329182	0,605702	no
AN11885	ChrVII_A_nidulans_FGSC_A4:1501851-1504224	WT_5hasex	WT_veg	OK	5,46376	7,59842	0,475807	-0,785536	0,432139	0,698531	no
AN11886	ChrVII_A_nidulans_FGSC_A4:1505050-1507658	WT_5hasex	WT_veg	OK	125,765	65,5274	-0,940555	1,84665	0,0647983	0,213504	no
AN11887	ChrVII_A_nidulans_FGSC_A4:1515056-1516849	WT_5hasex	WT_veg	OK	20,3702	46,6719	1,1961	-2,33443	0,0195733	0,0876498	no
AN11888	ChrVII_A_nidulans_FGSC_A4:1672709-1673752	WT_5hasex	WT_veg	OK	23,7637	26,791	0,172992	-0,308206	0,757926	0,900011	no
AN11889	ChrVII_A_nidulans_FGSC_A4:1675408-1676319	WT_5hasex	WT_veg	OK	20,7363	18,9263	-0,131763	0,21977	0,82605	0,930757	no
AN11891	ChrVIII_A_nidulans_FGSC_A4:1969625-1971535	WT_5hasex	WT_veg	OK	102,748	271,577	1,40225	-2,86465	0,00417471	0,0256885	yes
AN11892	ChrVIII_A_nidulans_FGSC_A4:1965381-1968633	WT_5hasex	WT_veg	OK	9,89608	30,5133	1,62451	-3,13009	0,00174751	0,0124886	yes
AN11893	ChrVIII_A_nidulans_FGSC_A4:1952224-1952955	WT_5hasex	WT_veg	OK	13,9751	33,4313	1,25834	-1,93957	0,0524322	0,183415	no
AN11894	ChrVIII_A_nidulans_FGSC_A4:1951201-1951949	WT_5hasex	WT_veg	OK	7,32243	24,9729	1,76997	-2,29384	0,0217995	0,0951392	no
AN11896	ChrVIII_A_nidulans_FGSC_A4:1948653-1949123	WT_5hasex	WT_veg	OK	11,0203	14,9282	0,437871	-0,51226	0,608469	0,81834	no
AN11897	ChrVIII_A_nidulans_FGSC_A4:1936957-1937941	WT_5hasex	WT_veg	OK	219,743	259,067	0,237505	-0,374816	0,707797	0,873852	no
AN11898	ChrI_A_nidulans_FGSC_A4:2872041-2873111	WT_5hasex	WT_veg	OK	82,0352	140,532	0,77658	-1,57996	0,114117	0,31692	no
AN11899	ChrI_A_nidulans_FGSC_A4:2937736-2938377	WT_5hasex	WT_veg	OK	15,7545	30,0189	0,930107	-1,42304	0,154725	0,386808	no
AN11900	ChrI_A_nidulans_FGSC_A4:2955862-2957361	WT_5hasex	WT_veg	OK	91,6592	93,5911	0,0300915	-0,0612385	0,951169	0,982048	no
AN11901	ChrI_A_nidulans_FGSC_A4:2969555-2973439	WT_5hasex	WT_veg	OK	25,6404	32,1761	0,32757	-0,472282	0,636726	0,83403	no
AN11902	ChrI_A_nidulans_FGSC_A4:3019241-3020078	WT_5hasex	WT_veg	OK	58,0688	112,725	0,956978	-1,90355	0,0569693	0,194663	no
AN11903	ChrI_A_nidulans_FGSC_A4:3041301-3043188	WT_5hasex	WT_veg	OK	23,5954	7,35223	-1,68225	3,15758	0,00159087	0,0115388	yes
AN11904	ChrI_A_nidulans_FGSC_A4:3043501-3044089	WT_5hasex	WT_veg	OK	11,2224	1,1338	-3,30714	2,29411	0,0217841	0,0951038	no
AN11905	ChrI_A_nidulans_FGSC_A4:3089501-3089835	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11906	ChrI_A_nidulans_FGSC_A4:3089850-3090075	WT_5hasex	WT_veg	NOTEST	1,05313	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN11907	ChrI_A_nidulans_FGSC_A4:3180205-3181148	WT_5hasex	WT_veg	OK	2,45582	0	-1.79769e+308	-1.79769e+308	0,0521996	0,182821	no
AN11908	ChrI_A_nidulans_FGSC_A4:3205654-3206692	WT_5hasex	WT_veg	OK	6,99993	29,5914	2,07976	-3,06597	0,00216964	0,0149596	yes
AN11909	ChrIII_A_nidulans_FGSC_A4:1893361-1893547	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11910	ChrIII_A_nidulans_FGSC_A4:1827098-1827805	WT_5hasex	WT_veg	OK	47,8778	51,5259	0,105939	-0,194304	0,845938	0,93915	no
AN11911	ChrIII_A_nidulans_FGSC_A4:1731864-1734612	WT_5hasex	WT_veg	NOTEST	0,197209	0	-1.79769e+308	-1.79769e+308	0,314531	1	no
AN11912	ChrIII_A_nidulans_FGSC_A4:1683742-1685243	WT_5hasex	WT_veg	OK	22,2472	31,0616	0,48151	-0,910751	0,362427	0,637226	no
AN11913	ChrIII_A_nidulans_FGSC_A4:1682264-1683484	WT_5hasex	WT_veg	OK	58,4323	79,1161	0,437204	-0,893894	0,371379	0,646137	no
AN11914	ChrIII_A_nidulans_FGSC_A4:1597992-1598621	WT_5hasex	WT_veg	OK	5,31855	14,8131	1,47777	-1,8198	0,0687893	0,222705	no
AN11915	ChrI_A_nidulans_FGSC_A4:322899-324200	WT_5hasex	WT_veg	OK	61,9506	86,8957	0,488167	-0,999893	0,317362	0,593604	no
AN11916	ChrI_A_nidulans_FGSC_A4:295630-297112	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11917	ChrI_A_nidulans_FGSC_A4:294117-295121	WT_5hasex	WT_veg	NOTEST	0	0,719686	1.79769e+308	1.79769e+308	0,134707	1	no
AN1192	ChrVIII_A_nidulans_FGSC_A4:1236531-1237645	WT_5hasex	WT_veg	OK	42,0325	129,386	1,62211	-3,22497	0,00125986	0,00949643	yes
AN11920	ChrI_A_nidulans_FGSC_A4:165801-167165	WT_5hasex	WT_veg	OK	17,7316	11,97	-0,566909	0,945858	0,344221	0,61957	no
AN11921	ChrI_A_nidulans_FGSC_A4:163680-165215	WT_5hasex	WT_veg	OK	248,029	403,249	0,701164	-1,33572	0,18164	0,428501	no
AN11922	ChrI_A_nidulans_FGSC_A4:135150-136464	WT_5hasex	WT_veg	NOTEST	0,296242	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN11923	ChrI_A_nidulans_FGSC_A4:86778-87406	WT_5hasex	WT_veg	NOTEST	1,30645	0	-1.79769e+308	-1.79769e+308	0,0966285	1	no
AN11924	ChrI_A_nidulans_FGSC_A4:72546-74992	WT_5hasex	WT_veg	NOTEST	1,09627	2,13364	0,960721	-1,09961	0,271502	1	no
AN11925	ChrI_A_nidulans_FGSC_A4:0-477	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11926	ChrVI_A_nidulans_FGSC_A4:515872-517436	WT_5hasex	WT_veg	NOTEST	0	1,46806	1.79769e+308	1.79769e+308	0,0664185	1	no
AN11928	ChrVI_A_nidulans_FGSC_A4:470382-470886	WT_5hasex	WT_veg	NOTEST	0	0,378317	1.79769e+308	1.79769e+308	0,309884	1	no
AN11929	ChrVI_A_nidulans_FGSC_A4:457942-458945	WT_5hasex	WT_veg	OK	20,6751	83,798	2,01902	-3,56685	0,00036129	0,00329433	yes
AN1193	ChrVIII_A_nidulans_FGSC_A4:1233157-1235689	WT_5hasex	WT_veg	OK	2,26275	2,7137	0,262183	-0,35462	0,722874	0,88206	no
AN11930	ChrVI_A_nidulans_FGSC_A4:456245-457698	WT_5hasex	WT_veg	NOTEST	1,13118	1,63842	0,534485	-0,458548	0,646559	1	no

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AN11931	ChrVI_A_nidulans_FGSC_A4:334435-335330	WT_5hasex	WT_veg	OK	174,159	651,603	1,90359	-3,81927	0,00013385	0,00141551	yes
AN11932	ChrVI_A_nidulans_FGSC_A4:302239-304587	WT_5hasex	WT_veg	OK	97,1245	115,61	0,251354	-0,508468	0,611125	0,819558	no
AN11934	ChrVIII_A_nidulans_FGSC_A4:1096017-1101196	WT_5hasex	WT_veg	OK	2,87475	1,96514	-0,548808	0,803045	0,421949	0,689957	no
AN11935	ChrVIII_A_nidulans_FGSC_A4:1007746-1008288	WT_5hasex	WT_veg	OK	21,3266	80,0749	1,90869	-2,98712	0,0028162	0,0185372	yes
AN11936	ChrVIII_A_nidulans_FGSC_A4:980372-982022	WT_5hasex	WT_veg	OK	266,159	810,01	1,60565	-2,87676	0,00401781	0,0248779	yes
AN11937	ChrVIII_A_nidulans_FGSC_A4:921410-922697	WT_5hasex	WT_veg	OK	6,15796	20,8937	1,76255	-2,02764	0,0425973	0,157913	no
AN11938	ChrII_A_nidulans_FGSC_A4:513970-514288	WT_5hasex	WT_veg	OK	54,7391	90,5787	0,7266	-1,07583	0,282002	0,555815	no
AN11940	ChrII_A_nidulans_FGSC_A4:636992-637346	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11941	ChrII_A_nidulans_FGSC_A4:779429-780753	WT_5hasex	WT_veg	NOTEST	0,20859	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN11942	ChrII_A_nidulans_FGSC_A4:781361-782135	WT_5hasex	WT_veg	NOTEST	0	1,0973	1.79769e+308	1.79769e+308	0,123323	1	no
AN11945	ChrV_A_nidulans_FGSC_A4:3284713-3285722	WT_5hasex	WT_veg	NOTEST	0	0,877594	1.79769e+308	1.79769e+308	0,123323	1	no
AN11946	ChrV_A_nidulans_FGSC_A4:3282797-3283627	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11947	ChrV_A_nidulans_FGSC_A4:3264614-3265996	WT_5hasex	WT_veg	NOTEST	1,00364	0,718993	-0,481188	0,324283	0,745724	1	no
AN11948	ChrV_A_nidulans_FGSC_A4:3260843-3263573	WT_5hasex	WT_veg	NOTEST	0,460438	2,45443	2,41431	-2,54923	0,0107963	1	no
AN11949	ChrV_A_nidulans_FGSC_A4:3239632-3240656	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1195	ChrVIII_A_nidulans_FGSC_A4:1230455-1231934	WT_5hasex	WT_veg	OK	82,2553	76,4896	-0,104845	0,216386	0,828687	0,931724	no
AN11950	ChrV_A_nidulans_FGSC_A4:3236508-3238539	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11951	ChrV_A_nidulans_FGSC_A4:3222720-3223134	WT_5hasex	WT_veg	OK	4,71111	12,1918	1,37177	-1,55904	0,118986	0,32587	no
AN11953	ChrV_A_nidulans_FGSC_A4:3202135-3203950	WT_5hasex	WT_veg	NOTEST	1,20027	2,54514	1,08438	-1,27866	0,201016	1	no
AN11955	ChrV_A_nidulans_FGSC_A4:3127392-3127890	WT_5hasex	WT_veg	OK	6,01141	24,529	2,02871	-2,66076	0,00779644	0,0426951	yes
AN11956	ChrV_A_nidulans_FGSC_A4:3097852-3099949	WT_5hasex	WT_veg	OK	52,1548	85,7737	0,717736	-1,46505	0,142908	0,367452	no
AN11957	ChrV_A_nidulans_FGSC_A4:3052812-3052992	WT_5hasex	WT_veg	OK	0	6,86543	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN11958	ChrV_A_nidulans_FGSC_A4:2995760-2996336	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11959	ChrV_A_nidulans_FGSC_A4:2994602-2995145	WT_5hasex	WT_veg	OK	2,55259	3,22407	0,336922	-0,283377	0,776888	0,908721	no
AN1196	ChrVIII_A_nidulans_FGSC_A4:1229029-1230006	WT_5hasex	WT_veg	OK	80,5191	150,247	0,899937	-1,86018	0,0628604	0,208759	no
AN11960	ChrVII_A_nidulans_FGSC_A4:4230380-4232082	WT_5hasex	WT_veg	OK	9,99231	15,1029	0,595935	-0,796217	0,425906	0,693288	no
AN11961	ChrVII_A_nidulans_FGSC_A4:4246262-4246589	WT_5hasex	WT_veg	OK	58,1527	210,1	1,85316	-2,96306	0,00304593	0,0198006	yes
AN11962	ChrVII_A_nidulans_FGSC_A4:4253027-4255570	WT_5hasex	WT_veg	OK	2,44891	2,45323	0,00254112	-0,00335495	0,997323	0,999008	no
AN11963	ChrVII_A_nidulans_FGSC_A4:4416142-4416666	WT_5hasex	WT_veg	NOTEST	0,475287	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN11964	ChrVII_A_nidulans_FGSC_A4:4427565-4428528	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11965	ChrVIII_A_nidulans_FGSC_A4:4440550-4440937	WT_5hasex	WT_veg	OK	21,8848	51,0525	1,22205	-1,84834	0,0645535	0,212871	no
AN11966	ChrVII_A_nidulans_FGSC_A4:4491304-4493430	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11967	ChrVII_A_nidulans_FGSC_A4:4522852-4523224	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11968	ChrI_A_nidulans_FGSC_A4:2007441-2008245	WT_5hasex	WT_veg	OK	2,57087	8,53957	1,73191	-2,13118	0,033074	0,130803	no
AN1197	ChrVIII_A_nidulans_FGSC_A4:1225127-1227821	WT_5hasex	WT_veg	OK	2,22893	5,77096	1,37246	-1,7363	0,0825115	0,253267	no
AN11971	ChrI_A_nidulans_FGSC_A4:1897587-1898098	WT_5hasex	WT_veg	OK	35,9151	47,5724	0,405534	-0,702278	0,482506	0,737001	no
AN11972	ChrI_A_nidulans_FGSC_A4:1874702-1875349	WT_5hasex	WT_veg	OK	6,25571	4,01738	-0,638918	0,693777	0,487822	0,741146	no
AN11973	ChrIII_A_nidulans_FGSC_A4:1366330-1367713	WT_5hasex	WT_veg	OK	10,4151	17,3395	0,735385	-1,25698	0,20876	0,466461	no
AN11974	ChrIII_A_nidulans_FGSC_A4:1334453-1336044	WT_5hasex	WT_veg	OK	8,60033	13,8161	0,683891	-1,03686	0,299803	0,575341	no
AN11975	ChrIII_A_nidulans_FGSC_A4:1324925-1325479	WT_5hasex	WT_veg	OK	116,079	185,904	0,679443	-1,31596	0,188186	0,438036	no
AN11976	ChrIII_A_nidulans_FGSC_A4:1188435-1189269	WT_5hasex	WT_veg	OK	0,9574	5,92209	2,62891	-2,39674	0,0165418	0,0771185	no
AN11977	ChrIII_A_nidulans_FGSC_A4:1181861-1183279	WT_5hasex	WT_veg	OK	79,1338	648,177	3,03402	-6,0566	1,3903E-09	4,7647E-08	yes
AN11978	ChrIII_A_nidulans_FGSC_A4:1124037-1124814	WT_5hasex	WT_veg	OK	238,767	392,415	0,716776	-1,46733	0,142285	0,366335	no
AN11979	ChrI_A_nidulans_FGSC_A4:3216293-3217403	WT_5hasex	WT_veg	OK	15,1243	2,05394	-2,8804	3,06796	0,00215527	0,0148762	yes
AN1198	ChrVIII_A_nidulans_FGSC_A4:1222456-1224125	WT_5hasex	WT_veg	OK	44,4699	188,587	2,08433	-4,09024	4,3093E-05	0,00052676	yes
AN11980	ChrI_A_nidulans_FGSC_A4:3229019-3230104	WT_5hasex	WT_veg	NOTEST	1,35882	2,60333	0,938007	-0,770259	0,441146	1	no
AN11981	ChrI_A_nidulans_FGSC_A4:3243940-3245434	WT_5hasex	WT_veg	OK	22,1579	27,2405	0,297931	-0,495983	0,619906	0,824371	no
AN11982	ChrI_A_nidulans_FGSC_A4:3246156-3246909	WT_5hasex	WT_veg	OK	32,6322	35,148	0,107146	-0,19385	0,846293	0,93933	no
AN11983	ChrI_A_nidulans_FGSC_A4:3247915-3248816	WT_5hasex	WT_veg	OK	29,9854	63,0321	1,07183	-1,8778	0,0604084	0,203283	no
AN11984	ChrI_A_nidulans_FGSC_A4:3254038-3256534	WT_5hasex	WT_veg	OK	7,51797	2,71619	-1,46876	2,28203	0,0224874	0,0972506	no
AN11985	ChrI_A_nidulans_FGSC_A4:3256790-3257601	WT_5hasex	WT_veg	OK	483,547	351,903	-0,458478	0,800213	0,423587	0,691447	no
AN11986	ChrI_A_nidulans_FGSC_A4:3257664-3258330	WT_5hasex	WT_veg	NOTEST	0,691225	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN11987	ChrI_A_nidulans_FGSC_A4:3282204-3282957	WT_5hasex	WT_veg	OK	13,4158	32,2514	1,26543	-1,92271	0,054517	0,18868	no

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AN11988	ChrI_A_nidulans_FGSC_A4:3317021-3317457	WT_5hasex	WT_veg	NOTEST	0	2,47068	1.79769e+308	1.79769e+308	0,123323	1	no
AN11989	ChrI_A_nidulans_FGSC_A4:3350097-3351511	WT_5hasex	WT_veg	NOTEST	1,77728	3,49066	0,973826	-0,991835	0,321278	1	no
AN1199	ChrVIII_A_nidulans_FGSC_A4:1219701-1221982	WT_5hasex	WT_veg	OK	78,7854	921,999	3,54876	-7,06456	1,6114E-12	8,7231E-11	yes
AN11990	ChrI_A_nidulans_FGSC_A4:3521598-3522063	WT_5hasex	WT_veg	OK	13,3974	63,2495	2,2391	-2,66271	0,00775132	0,0425013	yes
AN11991	ChrIV_A_nidulans_FGSC_A4:2124292-2125042	WT_5hasex	WT_veg	OK	10,7625	22,0284	1,03335	-1,49333	0,13535	0,354632	no
AN11992	ChrIV_A_nidulans_FGSC_A4:2128366-2128785	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11994	ChrIV_A_nidulans_FGSC_A4:2258568-2261425	WT_5hasex	WT_veg	OK	29,365	63,9436	1,1227	-2,35103	0,0187213	0,084601	no
AN11995	ChrIV_A_nidulans_FGSC_A4:2262028-2263063	WT_5hasex	WT_veg	OK	24,4865	43,4494	0,827353	-1,47705	0,139663	0,362004	no
AN11996	ChrIV_A_nidulans_FGSC_A4:2275667-2276863	WT_5hasex	WT_veg	OK	34,5885	83,2865	1,26779	-2,31318	0,0207129	0,0915793	no
AN11998	ChrIV_A_nidulans_FGSC_A4:2322276-2322659	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN11999	ChrIV_A_nidulans_FGSC_A4:2374059-2374458	WT_5hasex	WT_veg	OK	17,3484	19,1217	0,140405	-0,190011	0,8493	0,94087	no
AN1200	ChrVIII_A_nidulans_FGSC_A4:1214952-1218567	WT_5hasex	WT_veg	OK	36,5795	170,844	2,22357	-4,60763	4,0728E-06	6,4303E-05	yes
AN12000	ChrIV_A_nidulans_FGSC_A4:2405684-2407676	WT_5hasex	WT_veg	OK	23,3376	25,579	0,132306	-0,261554	0,793665	0,916031	no
AN12001	ChrIV_A_nidulans_FGSC_A4:2407907-2408704	WT_5hasex	WT_veg	OK	18,6501	42,7046	1,19521	-1,97931	0,0477814	0,172176	no
AN12002	ChrII_A_nidulans_FGSC_A4:150508-151419	WT_5hasex	WT_veg	OK	7,32683	4,75688	-0,623173	0,782365	0,434	0,699797	no
AN12003	ChrII_A_nidulans_FGSC_A4:161790-162297	WT_5hasex	WT_veg	OK	2,4309	0	-1.79769e+308	-1.79769e+308	0,0368957	0,142098	no
AN12004	ChrII_A_nidulans_FGSC_A4:215091-216972	WT_5hasex	WT_veg	NOTEST	1,26463	2,98871	1,2408	-1,11056	0,266758	1	no
AN12007	ChrII_A_nidulans_FGSC_A4:286370-286853	WT_5hasex	WT_veg	OK	0	4,80367	1.79769e+308	1.79769e+308	0,036343	0,140531	no
AN12008	ChrII_A_nidulans_FGSC_A4:355826-356483	WT_5hasex	WT_veg	NOTEST	0,509485	1,01015	0,987455	-0,53136	0,595169	1	no
AN12009	ChrI_A_nidulans_FGSC_A4:2511378-2511889	WT_5hasex	WT_veg	OK	0,622865	4,89459	2,9742	-1,44042	0,149749	0,378577	no
AN1201	ChrVIII_A_nidulans_FGSC_A4:1212520-1214114	WT_5hasex	WT_veg	OK	37,1593	58,4101	0,652494	-1,32443	0,185359	0,434148	no
AN12010	ChrI_A_nidulans_FGSC_A4:2544945-2547226	WT_5hasex	WT_veg	OK	3,01535	8,2764	1,45668	-1,71575	0,0862084	0,261502	no
AN12011	ChrI_A_nidulans_FGSC_A4:2566669-2567280	WT_5hasex	WT_veg	OK	34,0498	42,3938	0,316207	-0,55251	0,580599	0,801399	no
AN12012	ChrI_A_nidulans_FGSC_A4:2691580-2693089	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12013	ChrI_A_nidulans_FGSC_A4:2791363-2793137	WT_5hasex	WT_veg	NOTEST	0	1,81245	1.79769e+308	1.79769e+308	0,0120369	1	no
AN12015	ChrI_A_nidulans_FGSC_A4:1427184-1427952	WT_5hasex	WT_veg	OK	8,53493	14,9403	0,807759	-1,06239	0,28806	0,562488	no
AN12016	ChrI_A_nidulans_FGSC_A4:1414500-1415326	WT_5hasex	WT_veg	OK	5,34096	15,316	1,51987	-1,74166	0,0815684	0,251082	no
AN12017	ChrI_A_nidulans_FGSC_A4:1355036-1357737	WT_5hasex	WT_veg	OK	66,9896	164,553	1,29654	-2,68299	0,00729661	0,0404825	yes
AN12018	ChrI_A_nidulans_FGSC_A4:1275300-1275609	WT_5hasex	WT_veg	OK	3,23691	3,93859	0,283061	-0,21768	0,827679	0,931389	no
AN12019	ChrI_A_nidulans_FGSC_A4:1171844-1172190	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1202	ChrVIII_A_nidulans_FGSC_A4:1211412-1211994	WT_5hasex	WT_veg	OK	14,2197	34,9224	1,29626	-1,81495	0,069532	0,224444	no
AN12020	ChrI_A_nidulans_FGSC_A4:1169965-1170478	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12021	ChrIII_A_nidulans_FGSC_A4:3470197-3470869	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12022	ChrIII_A_nidulans_FGSC_A4:3435511-3436839	WT_5hasex	WT_veg	OK	10,5154	16,2064	0,624052	-1,02033	0,307573	0,583658	no
AN12023	ChrIII_A_nidulans_FGSC_A4:3434343-3434574	WT_5hasex	WT_veg	OK	3,41174	0	-1.79769e+308	-1.79769e+308	0,0966285	0,282374	no
AN12026	ChrIII_A_nidulans_FGSC_A4:3321128-3321341	WT_5hasex	WT_veg	OK	9,71794	9,20915	-0,0775824	0,0607822	0,951533	0,982116	no
AN12027	ChrIII_A_nidulans_FGSC_A4:3299432-3300884	WT_5hasex	WT_veg	OK	70,4772	161,997	1,20074	-2,0069	0,0447606	0,163955	no
AN12028	ChrIII_A_nidulans_FGSC_A4:3228270-3229123	WT_5hasex	WT_veg	NOTEST	1,94529	0	-1.79769e+308	-1.79769e+308	0,0399057	1	no
AN12029	ChrIII_A_nidulans_FGSC_A4:3216214-3217636	WT_5hasex	WT_veg	OK	59,8696	65,8566	0,137503	-0,283199	0,777024	0,908721	no
AN1203	ChrVIII_A_nidulans_FGSC_A4:1204832-1205781	WT_5hasex	WT_veg	NOTEST	0,636714	3,68256	2,53199	-1,90936	0,0562161	1	no
AN12030	ChrIII_A_nidulans_FGSC_A4:3214092-3214612	WT_5hasex	WT_veg	OK	2,62621	2,11137	-0,314805	0,206123	0,836695	0,935089	no
AN12031	ChrIII_A_nidulans_FGSC_A4:3207009-3207407	WT_5hasex	WT_veg	OK	3,13613	2,82107	-0,152743	0,102816	0,918109	0,968779	no
AN12032	ChrV_A_nidulans_FGSC_A4:1418917-1420261	WT_5hasex	WT_veg	OK	2,62285	5,89445	1,16822	-1,51974	0,128576	0,342813	no
AN12033	ChrV_A_nidulans_FGSC_A4:1420677-1421718	WT_5hasex	WT_veg	OK	9,16916	10,2247	0,157197	-0,233076	0,815702	0,926186	no
AN12034	ChrV_A_nidulans_FGSC_A4:1473759-1474789	WT_5hasex	WT_veg	OK	2,30824	1,35628	-0,767138	0,511474	0,609019	0,818582	no
AN12035	ChrV_A_nidulans_FGSC_A4:1599496-1605059	WT_5hasex	WT_veg	OK	2,87776	14,128	2,29554	-2,58406	0,00976458	0,0511223	no
AN12036	ChrIV_A_nidulans_FGSC_A4:185550-186116	WT_5hasex	WT_veg	NOTEST	1,79462	3,12133	0,798486	-0,575659	0,564845	1	no
AN12037	ChrIV_A_nidulans_FGSC_A4:31347-32468	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12038	ChrII_A_nidulans_FGSC_A4:2480825-2481146	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12039	ChrII_A_nidulans_FGSC_A4:2477470-2478364	WT_5hasex	WT_veg	NOTEST	1,49692	0	-1.79769e+308	-1.79769e+308	0,061123	1	no
AN1204	ChrVIII_A_nidulans_FGSC_A4:1202132-1202696	WT_5hasex	WT_veg	OK	179,646	496,017	1,46523	-2,89434	0,00379961	0,023811	yes
AN12040	ChrII_A_nidulans_FGSC_A4:2455010-2455868	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12041	ChrII_A_nidulans_FGSC_A4:2417408-2417624	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN12042	ChrII_A_nidulans_FGSC_A4:2338481-2339868	WT_5hasex	WT_veg	OK	7,62946	26,3185	1,78643	-2,80015	0,00510784	0,030251	yes
AN12044	ChrI_A_nidulans_FGSC_A4:1117254-1117803	WT_5hasex	WT_veg	OK	58,8997	52,4151	-0,168278	0,312426	0,754717	0,898163	no
AN12045	ChrI_A_nidulans_FGSC_A4:1100141-1100465	WT_5hasex	WT_veg	OK	16,5287	22,7313	0,459705	-0,629266	0,529175	0,768956	no
AN12046	ChrI_A_nidulans_FGSC_A4:1080288-1081013	WT_5hasex	WT_veg	NOTEST	0,353297	1,29515	1,87416	-0,824413	0,409705	1	no
AN12047	ChrI_A_nidulans_FGSC_A4:1077114-1079404	WT_5hasex	WT_veg	NOTEST	0	0,324693	1.79769e+308	1.79769e+308	0,134707	1	no
AN12048	ChrI_A_nidulans_FGSC_A4:998210-998729	WT_5hasex	WT_veg	OK	4,1299	12,6221	1,61177	-1,74586	0,080835	0,249538	no
AN12049	ChrI_A_nidulans_FGSC_A4:997010-998099	WT_5hasex	WT_veg	OK	35,2949	38,7302	0,134001	-0,252143	0,80093	0,919698	no
AN1205	ChrVIII_A_nidulans_FGSC_A4:1199333-1200049	WT_5hasex	WT_veg	OK	30,8387	27,2767	-0,177073	0,297179	0,76633	0,903939	no
AN12050	ChrI_A_nidulans_FGSC_A4:996266-996788	WT_5hasex	WT_veg	OK	64,3557	89,2651	0,472029	-0,87541	0,381351	0,65565	no
AN12051	ChrI_A_nidulans_FGSC_A4:963582-964130	WT_5hasex	WT_veg	OK	2,65705	5,22494	0,975591	-0,932952	0,350845	0,626532	no
AN12052	ChrI_A_nidulans_FGSC_A4:957302-958425	WT_5hasex	WT_veg	OK	6,45246	18,1136	1,48915	-2,23028	0,025729	0,10787	no
AN12053	ChrI_A_nidulans_FGSC_A4:941431-941890	WT_5hasex	WT_veg	OK	9,07394	9,29591	0,0348684	-0,0404843	0,967707	0,988187	no
AN12055	ChrI_A_nidulans_FGSC_A4:876568-878696	WT_5hasex	WT_veg	OK	1,96805	1,03149	-0,93203	0,422283	0,672818	0,854031	no
AN12056	ChrVII_A_nidulans_FGSC_A4:768926-770138	WT_5hasex	WT_veg	OK	37,118	155,868	2,07013	-3,99381	6,5019E-05	0,00075312	yes
AN12057	ChrIV_A_nidulans_FGSC_A4:1435522-1437901	WT_5hasex	WT_veg	OK	54,5634	248,878	2,18943	-4,5536	5,2736E-06	8,1278E-05	yes
AN12058	ChrIV_A_nidulans_FGSC_A4:1430221-1432565	WT_5hasex	WT_veg	OK	18,0636	70,5602	1,96577	-3,90054	9,5978E-05	0,0010575	yes
AN12059	ChrIV_A_nidulans_FGSC_A4:1418549-1419400	WT_5hasex	WT_veg	OK	9,73668	19,8302	1,0262	-1,46526	0,14285	0,367356	no
AN1206	ChrVIII_A_nidulans_FGSC_A4:1197494-1199035	WT_5hasex	WT_veg	NOTEST	0,831601	0,99304	0,25596	-0,199243	0,842073	1	no
AN12060	ChrIV_A_nidulans_FGSC_A4:1368486-1370056	WT_5hasex	WT_veg	OK	12,7726	16,4835	0,367967	-0,624398	0,532366	0,771303	no
AN12061	ChrIV_A_nidulans_FGSC_A4:1329617-1332058	WT_5hasex	WT_veg	NOTEST	0	0,254689	1.79769e+308	1.79769e+308	0,239374	1	no
AN12062	ChrIV_A_nidulans_FGSC_A4:1313116-1314178	WT_5hasex	WT_veg	OK	60,7933	81,0291	0,414529	-0,76345	0,445195	0,708548	no
AN12063	ChrIV_A_nidulans_FGSC_A4:1295772-1296869	WT_5hasex	WT_veg	NOTEST	0,981467	3,64793	1,89407	-1,70957	0,0873458	1	no
AN12064	ChrIV_A_nidulans_FGSC_A4:1293106-1293810	WT_5hasex	WT_veg	NOTEST	0,732773	1,3149	0,843519	-0,494717	0,6208	1	no
AN12065	ChrIV_A_nidulans_FGSC_A4:1288230-1289404	WT_5hasex	WT_veg	NOTEST	1,16545	0	-1.79769e+308	-1.79769e+308	0,0374675	1	no
AN12066	ChrIV_A_nidulans_FGSC_A4:1285581-1287658	WT_5hasex	WT_veg	NOTEST	0,138806	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN12067	ChrIV_A_nidulans_FGSC_A4:1274132-1274435	WT_5hasex	WT_veg	OK	3,2293	9,86178	1,61063	-1,444	0,148738	0,376858	no
AN1207	ChrVIII_A_nidulans_FGSC_A4:1193780-1196343	WT_5hasex	WT_veg	OK	7,74968	15,9008	1,03689	-1,84473	0,0650765	0,214064	no
AN12070	ChrIV_A_nidulans_FGSC_A4:1233029-1234965	WT_5hasex	WT_veg	OK	125,432	67,6685	-0,890343	1,80927	0,0704098	0,226565	no
AN12072	ChrIV_A_nidulans_FGSC_A4:1208749-1210621	WT_5hasex	WT_veg	OK	28,6709	52,4386	0,871042	-1,77853	0,0753166	0,237441	no
AN12074	ChrVIII_A_nidulans_FGSC_A4:3905884-3907470	WT_5hasex	WT_veg	OK	8,42652	17,9417	1,09031	-1,77162	0,0764568	0,240039	no
AN12075	ChrVIII_A_nidulans_FGSC_A4:3864357-3864750	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12077	ChrIII_A_nidulans_FGSC_A4:2964598-2965140	WT_5hasex	WT_veg	NOTEST	0,758202	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN12078	ChrIII_A_nidulans_FGSC_A4:2952850-2956968	WT_5hasex	WT_veg	OK	0	7,8625	1.79769e+308	1.79769e+308	0,00489369	0,0292338	yes
AN1208	ChrVIII_A_nidulans_FGSC_A4:1191944-1193670	WT_5hasex	WT_veg	OK	22,2075	65,1035	1,55169	-3,04999	0,00228845	0,0156064	yes
AN12080	ChrIII_A_nidulans_FGSC_A4:2876369-2876745	WT_5hasex	WT_veg	OK	5,64012	13,5402	1,26345	-1,37694	0,16853	0,408536	no
AN12082	ChrIII_A_nidulans_FGSC_A4:2833546-2835297	WT_5hasex	WT_veg	OK	0,52103	8,04539	3,94873	-4,14057	3,4644E-05	0,00043496	yes
AN12083	ChrIV_A_nidulans_FGSC_A4:2566609-2570120	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12084	ChrIV_A_nidulans_FGSC_A4:2627025-2628218	WT_5hasex	WT_veg	OK	745,566	3140,25	2,07447	-3,54732	0,00038917	0,00351007	yes
AN12085	ChrIV_A_nidulans_FGSC_A4:2638972-2639537	WT_5hasex	WT_veg	OK	213,225	1522,54	2,83603	-5,89569	3,7311E-09	1,1778E-07	yes
AN12086	ChrIV_A_nidulans_FGSC_A4:2699188-2702650	WT_5hasex	WT_veg	OK	9,93971	2,38215	-2,06094	1,60063	0,109458	0,308329	no
AN12087	ChrIV_A_nidulans_FGSC_A4:2709211-2709804	WT_5hasex	WT_veg	OK	3,94716	13,2993	1,75246	-1,98037	0,0476618	0,171869	no
AN12088	ChrIV_A_nidulans_FGSC_A4:2710082-2711681	WT_5hasex	WT_veg	OK	26,1753	217,786	3,05663	-5,41975	5,9683E-08	1,4656E-06	yes
AN12089	ChrIV_A_nidulans_FGSC_A4:2743143-2743518	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1209	ChrVIII_A_nidulans_FGSC_A4:1190738-1191749	WT_5hasex	WT_veg	OK	39,6299	65,34	0,721375	-1,3506	0,176825	0,42166	no
AN12090	ChrIV_A_nidulans_FGSC_A4:2748362-2749731	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12093	ChrII_A_nidulans_FGSC_A4:2087041-2088768	WT_5hasex	WT_veg	NOTEST	0,262511	0,769922	1,55234	-0,973305	0,330402	1	no
AN12094	ChrII_A_nidulans_FGSC_A4:2085757-2086614	WT_5hasex	WT_veg	OK	30,2356	24,4439	-0,306773	0,538943	0,589926	0,807094	no
AN12095	ChrII_A_nidulans_FGSC_A4:2043171-2043750	WT_5hasex	WT_veg	NOTEST	1,62799	2,57739	0,662813	-0,42233	0,672784	1	no
AN12096	ChrII_A_nidulans_FGSC_A4:2004043-2004423	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12098	ChrII_A_nidulans_FGSC_A4:1969415-1970357	WT_5hasex	WT_veg	OK	3,05058	15,2127	2,31812	-3,05356	0,00226143	0,0154741	yes
AN12099	ChrII_A_nidulans_FGSC_A4:1964858-1965441	WT_5hasex	WT_veg	NOTEST	1,44059	1,72782	0,262295	-0,159115	0,873578	1	no
AN1210	ChrVIII_A_nidulans_FGSC_A4:1187672-1190560	WT_5hasex	WT_veg	OK	15,6608	30,0405	0,939748	-1,8745	0,060862	0,204324	no
AN12100	ChrII_A_nidulans_FGSC_A4:1952778-1953772	WT_5hasex	WT_veg	OK	43,6648	111,256	1,34934	-2,16805	0,0301547	0,12179	no

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AN12101	ChrII_A_nidulans_FGSC_A4:1951004-1952218	WT_5hasex	WT_veg	OK	24,5637	56,9735	1,21376	-2,30298	0,0212802	0,0934823	no
AN12102	ChrII_A_nidulans_FGSC_A4:1865795-1866803	WT_5hasex	WT_veg	OK	89,9468	334,532	1,895	-3,38129	0,00072147	0,00594725	yes
AN12103	ChrII_A_nidulans_FGSC_A4:1781831-1783049	WT_5hasex	WT_veg	NOTEST	1,04736	0	-1.79769e+308	-1.79769e+308	0,107729	0	1 no
AN12104	ChrII_A_nidulans_FGSC_A4:1731763-1733868	WT_5hasex	WT_veg	OK	78,5059	135,711	0,789665	-1,62298	0,104594	0,298836	no
AN12105	ChrII_A_nidulans_FGSC_A4:1729727-1731112	WT_5hasex	WT_veg	OK	49,5705	111,798	1,17334	-2,42175	0,0154461	0,0731301	no
AN12106	ChrII_A_nidulans_FGSC_A4:1643483-1644133	WT_5hasex	WT_veg	OK	20,1902	68,1124	1,75426	-2,75485	0,00587196	0,0338954	yes
AN12109	ChrVIII_A_nidulans_FGSC_A4:2425309-2425526	WT_5hasex	WT_veg	OK	3,9252	0	-1.79769e+308	-1.79769e+308	0,133588	0,35179	no
AN12111	ChrVIII_A_nidulans_FGSC_A4:1185716-1187430	WT_5hasex	WT_veg	OK	60,9996	89,6249	0,5551	-1,1524	0,249158	0,517288	no
AN12110	ChrVIII_A_nidulans_FGSC_A4:2379444-2379956	WT_5hasex	WT_veg	OK	13,6283	22,082	0,696266	-1,00421	0,315278	0,591456	no
AN12111	ChrVIII_A_nidulans_FGSC_A4:2377243-2377396	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12112	ChrVIII_A_nidulans_FGSC_A4:2321064-2321895	WT_5hasex	WT_veg	OK	28,0929	65,0289	1,21087	-2,05354	0,0400207	0,15087	no
AN12113	ChrVIII_A_nidulans_FGSC_A4:2317967-2319481	WT_5hasex	WT_veg	NOTEST	0,636651	1,78187	1,48482	-1,3594	0,174021	1	1 no
AN12114	ChrVII_A_nidulans_FGSC_A4:3780061-3780539	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12115	ChrVII_A_nidulans_FGSC_A4:3804673-3806420	WT_5hasex	WT_veg	NOTEST	0,135592	0	-1.79769e+308	-1.79769e+308	0,224063	1	1 no
AN12116	ChrVII_A_nidulans_FGSC_A4:3807074-3808622	WT_5hasex	WT_veg	NOTEST	0,173668	0	-1.79769e+308	-1.79769e+308	0,224063	1	1 no
AN12119	ChrVII_A_nidulans_FGSC_A4:3822324-3823038	WT_5hasex	WT_veg	OK	218,356	40,2959	-2,43798	4,49093	7,0912E-06	0,00010605	yes
AN1212	ChrVIII_A_nidulans_FGSC_A4:1182971-1185209	WT_5hasex	WT_veg	OK	17,5708	88,9727	2,34018	-4,53289	5,8182E-06	8,8655E-05	yes
AN12120	ChrVII_A_nidulans_FGSC_A4:3839406-3839796	WT_5hasex	WT_veg	OK	60,0039	221,627	1,885	-3,2852	0,00101912	0,00798143	yes
AN12121	ChrI_A_nidulans_FGSC_A4:2336280-2336727	WT_5hasex	WT_veg	OK	38,5058	39,0062	0,0186283	-0,0289781	0,976882	0,99199	no
AN12122	ChrI_A_nidulans_FGSC_A4:2396510-2397313	WT_5hasex	WT_veg	OK	20,3909	18,2819	-0,157511	0,255899	0,798029	0,918519	no
AN12123	ChrVII_A_nidulans_FGSC_A4:3544294-3546460	WT_5hasex	WT_veg	OK	2,19654	5,7125	1,37889	-1,4115	0,158098	0,392451	no
AN12124	ChrVII_A_nidulans_FGSC_A4:3569123-3571211	WT_5hasex	WT_veg	OK	4,01867	7,38002	0,876905	-1,22398	0,220962	0,482512	no
AN12125	ChrVII_A_nidulans_FGSC_A4:3635351-3635838	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12126	ChrVII_A_nidulans_FGSC_A4:3640441-3642514	WT_5hasex	WT_veg	OK	5,67063	6,6674	0,233613	-0,366452	0,714027	0,877065	no
AN12127	ChrVII_A_nidulans_FGSC_A4:3643004-3643935	WT_5hasex	WT_veg	OK	48,2537	101,507	1,07287	-2,06973	0,038478	0,146603	no
AN12128	ChrVII_A_nidulans_FGSC_A4:199537-200572	WT_5hasex	WT_veg	NOTEST	1,14391	0	-1.79769e+308	-1.79769e+308	0,0315813	1	1 no
AN12129	ChrVII_A_nidulans_FGSC_A4:196974-198605	WT_5hasex	WT_veg	NOTEST	0,56374	2,78862	2,30645	-2,1055	0,0352481	1	1 no
AN1213	ChrVIII_A_nidulans_FGSC_A4:1178567-1181922	WT_5hasex	WT_veg	OK	13,0654	13,8006	0,0789775	-0,149796	0,880926	0,95479	no
AN12130	ChrVII_A_nidulans_FGSC_A4:65286-65976	WT_5hasex	WT_veg	OK	1,33373	9,05972	2,764	-2,78505	0,00535198	0,0313918	yes
AN12131	ChrVII_A_nidulans_FGSC_A4:30917-31853	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12132	ChrVII_A_nidulans_FGSC_A4:26389-28389	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12133	ChrVII_A_nidulans_FGSC_A4:1081260-1084203	WT_5hasex	WT_veg	NOTEST	0,927419	0	-1.79769e+308	-1.79769e+308	0,0426694	1	1 no
AN12134	ChrVII_A_nidulans_FGSC_A4:1095680-1096155	WT_5hasex	WT_veg	OK	8,52706	27,7168	1,70064	-2,30105	0,0213886	0,0937998	no
AN12135	ChrVII_A_nidulans_FGSC_A4:1135209-1135444	WT_5hasex	WT_veg	OK	71,274	121,161	0,765476	-1,15343	0,248735	0,516821	no
AN12136	ChrVII_A_nidulans_FGSC_A4:1150683-1151637	WT_5hasex	WT_veg	OK	4,01985	13,094	1,70369	-2,13938	0,0324052	0,12879	no
AN12137	ChrVII_A_nidulans_FGSC_A4:1196206-1196546	WT_5hasex	WT_veg	NOTEST	1,78507	0	-1.79769e+308	-1.79769e+308	0,107729	1	1 no
AN12138	ChrVII_A_nidulans_FGSC_A4:1302717-1305881	WT_5hasex	WT_veg	NOTEST	0,618566	1,61624	1,38564	-1,24017	0,214913	1	1 no
AN12139	ChrVI_A_nidulans_FGSC_A4:213424-214339	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN1214	ChrVIII_A_nidulans_FGSC_A4:1176841-1177800	WT_5hasex	WT_veg	NOTEST	0,672654	0	-1.79769e+308	-1.79769e+308	0,224063	1	1 no
AN12140	ChrVI_A_nidulans_FGSC_A4:154949-156549	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12145	ChrVI_A_nidulans_FGSC_A4:78968-80561	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12146	ChrVI_A_nidulans_FGSC_A4:45732-46029	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	1 no
AN12147	ChrIV_A_nidulans_FGSC_A4:817489-817861	WT_5hasex	WT_veg	OK	6,34842	6,9152	0,123375	-0,124089	0,901245	0,962017	no
AN12148	ChrIV_A_nidulans_FGSC_A4:814572-816960	WT_5hasex	WT_veg	OK	5,88396	7,80972	0,408483	-0,64705	0,5176	0,761694	no
AN12149	ChrIV_A_nidulans_FGSC_A4:770762-772266	WT_5hasex	WT_veg	OK	52,9296	179,825	1,76445	-3,52764	0,00041929	0,00374112	yes
AN1215	ChrVIII_A_nidulans_FGSC_A4:1174664-1176601	WT_5hasex	WT_veg	OK	29,2224	177,795	2,60507	-5,04588	4,5143E-07	9,0428E-06	yes
AN12150	ChrIV_A_nidulans_FGSC_A4:753001-754115	WT_5hasex	WT_veg	OK	2,75599	32,6069	3,56453	-3,53213	0,00041223	0,00369007	yes
AN12151	ChrIV_A_nidulans_FGSC_A4:750116-750696	WT_5hasex	WT_veg	OK	10,8856	27,3897	1,33121	-1,82015	0,0687359	0,222593	no
AN12152	ChrIII_A_nidulans_FGSC_A4:2450569-2451745	WT_5hasex	WT_veg	OK	22,9603	43,0105	0,90555	-1,66612	0,095689	0,280677	no
AN12153	ChrIII_A_nidulans_FGSC_A4:2333996-2335642	WT_5hasex	WT_veg	NOTEST	1,16973	1,52358	0,38129	-0,363468	0,716255	1	1 no
AN12154	ChrIII_A_nidulans_FGSC_A4:2331928-2333250	WT_5hasex	WT_veg	NOTEST	0,411066	0,185258	-1,14983	0,361007	0,718094	1	1 no
AN12155	ChrIII_A_nidulans_FGSC_A4:2295451-2295833	WT_5hasex	WT_veg	OK	0	4,06174	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN12156	ChrIII_A_nidulans_FGSC_A4:2258119-2259624	WT_5hasex	WT_veg	OK	9,50547	6,28373	-0,597137	0,923825	0,355577	0,631048	no

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AN12157	ChrIII_A_nidulans_FGSC_A4:2252217-2255498	WT_5hasex	WT_veg	NOTEST	1,1578	0	-1.79769e+308	-1.79769e+308	0,0653486	1	no
AN12158	ChrI_A_nidulans_FGSC_A4:1809179-1810862	WT_5hasex	WT_veg	OK	7,88858	14,207	0,848766	-1,42132	0,155225	0,387614	no
AN12159	ChrI_A_nidulans_FGSC_A4:1807396-1808749	WT_5hasex	WT_veg	OK	11,9484	20,2145	0,758581	-1,29343	0,195864	0,448604	no
AN12160	ChrI_A_nidulans_FGSC_A4:1775517-1776226	WT_5hasex	WT_veg	OK	1,41022	4,90876	1,79944	-1,58894	0,112073	0,312968	no
AN12161	ChrI_A_nidulans_FGSC_A4:1758293-1759944	WT_5hasex	WT_veg	OK	5,70025	14,6698	1,36375	-2,09965	0,0357597	0,138868	no
AN12162	ChrI_A_nidulans_FGSC_A4:1752595-1753503	WT_5hasex	WT_veg	OK	11,3481	17,5897	0,632278	-0,90809	0,363831	0,638702	no
AN12163	ChrIII_A_nidulans_FGSC_A4:1550042-1551051	WT_5hasex	WT_veg	OK	25,0056	14,9339	-0,743664	1,28021	0,200471	0,455177	no
AN12164	ChrIII_A_nidulans_FGSC_A4:1452751-1455473	WT_5hasex	WT_veg	OK	54,08	131,797	1,28515	-2,31978	0,0203527	0,0903451	no
AN12165	ChrIII_A_nidulans_FGSC_A4:1385738-1386179	WT_5hasex	WT_veg	OK	16,1998	47,9304	1,56496	-2,29959	0,0214717	0,094061	no
AN12166	ChrVI_A_nidulans_FGSC_A4:2891954-2892765	WT_5hasex	WT_veg	OK	4,98845	14,4107	1,53047	-1,99688	0,0458379	0,166875	no
AN12167	ChrII_A_nidulans_FGSC_A4:2589310-2589910	WT_5hasex	WT_veg	OK	28,3975	49,7068	0,807681	-1,38866	0,164937	0,402937	no
AN12169	ChrII_A_nidulans_FGSC_A4:944340-946173	WT_5hasex	WT_veg	OK	82,3823	333,452	2,01707	-4,00843	6,1123E-05	0,00071415	yes
AN1217	ChrVIII_A_nidulans_FGSC_A4:1165563-1167517	WT_5hasex	WT_veg	OK	133,395	253,768	0,92781	-1,79118	0,073264	0,232833	no
AN12170	ChrII_A_nidulans_FGSC_A4:946541-946898	WT_5hasex	WT_veg	OK	7,91005	16,0509	1,02089	-1,25897	0,208041	0,465411	no
AN12171	ChrII_A_nidulans_FGSC_A4:999810-1002123	WT_5hasex	WT_veg	OK	43,2124	113,312	1,39078	-2,66699	0,00765338	0,0420804	yes
AN12172	ChrII_A_nidulans_FGSC_A4:1002533-1005053	WT_5hasex	WT_veg	OK	73,4448	86,5274	0,236496	-0,484571	0,627981	0,828882	no
AN12173	ChrII_A_nidulans_FGSC_A4:1044582-1046062	WT_5hasex	WT_veg	OK	22,6049	39,4738	0,804257	-1,48612	0,137248	0,357992	no
AN12174	ChrII_A_nidulans_FGSC_A4:2921226-2921538	WT_5hasex	WT_veg	OK	33,4979	49,8724	0,57417	-0,800547	0,423394	0,691286	no
AN12175	ChrII_A_nidulans_FGSC_A4:2855581-2856542	WT_5hasex	WT_veg	NOTEST	0,454048	0,00039982	-10,1493	0,00291739	0,997672	1	no
AN12176	ChrII_A_nidulans_FGSC_A4:2853497-2853876	WT_5hasex	WT_veg	OK	0,770048	6,18162	3,00497	-1,45532	0,145581	0,371897	no
AN12177	ChrII_A_nidulans_FGSC_A4:2840577-2840975	WT_5hasex	WT_veg	OK	28,717	151,689	2,40114	-3,68043	0,00023284	0,00226959	yes
AN12178	ChrII_A_nidulans_FGSC_A4:2744986-2745946	WT_5hasex	WT_veg	OK	1,25047	9,6275	2,94469	-2,97135	0,00296491	0,0193604	yes
AN12179	ChrV_A_nidulans_FGSC_A4:1190656-1191553	WT_5hasex	WT_veg	OK	12,1732	13,5323	0,152697	-0,23722	0,812486	0,924734	no
AN1218	ChrVIII_A_nidulans_FGSC_A4:1163625-1165036	WT_5hasex	WT_veg	OK	21,1891	35,0876	0,727642	-1,33315	0,182482	0,42983	no
AN12180	ChrV_A_nidulans_FGSC_A4:1235936-1236258	WT_5hasex	WT_veg	OK	47,4151	129,65	1,45121	-2,24482	0,0247796	0,104655	no
AN12181	ChrV_A_nidulans_FGSC_A4:1273326-1274827	WT_5hasex	WT_veg	NOTEST	0,152276	1,05705	2,79528	-1,00741	0,313736	1	no
AN12183	ChrVI_A_nidulans_FGSC_A4:1390865-1392196	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12184	ChrVI_A_nidulans_FGSC_A4:1375201-1375554	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12185	ChrVI_A_nidulans_FGSC_A4:1311248-1311806	WT_5hasex	WT_veg	OK	1,53976	6,28478	2,02916	-1,73873	0,082083	0,252202	no
AN12186	ChrVI_A_nidulans_FGSC_A4:1309370-1310309	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12187	ChrVI_A_nidulans_FGSC_A4:1308155-1309000	WT_5hasex	WT_veg	NOTEST	0,257784	1,07451	2,05944	-0,866326	0,386311	1	no
AN12188	ChrVI_A_nidulans_FGSC_A4:1263713-1271743	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12189	ChrVIII_A_nidulans_FGSC_A4:1791473-1792112	WT_5hasex	WT_veg	OK	19,9253	27,5912	0,469604	-0,723384	0,469444	0,727694	no
AN1219	ChrVIII_A_nidulans_FGSC_A4:1160309-1163027	WT_5hasex	WT_veg	OK	31,467	33,1253	0,0740972	-0,152751	0,878595	0,953679	no
AN12191	ChrII_A_nidulans_FGSC_A4:4021092-4021394	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12192	ChrII_A_nidulans_FGSC_A4:3948089-3948527	WT_5hasex	WT_veg	OK	14,088	24,8227	0,817192	-1,09745	0,272443	0,544969	no
AN12193	ChrII_A_nidulans_FGSC_A4:3946583-3947619	WT_5hasex	WT_veg	NOTEST	0,182051	1,05876	2,53997	-1,42526	0,154082	1	no
AN12195	ChrII_A_nidulans_FGSC_A4:3904088-3904601	WT_5hasex	WT_veg	OK	1,12347	6,31149	2,49002	-1,82946	0,0673301	0,219349	no
AN12197	ChrVII_A_nidulans_FGSC_A4:3007531-3009114	WT_5hasex	WT_veg	OK	17,0352	24,0823	0,499456	-0,912069	0,361732	0,63639	no
AN12198	ChrVII_A_nidulans_FGSC_A4:3092496-3093320	WT_5hasex	WT_veg	OK	571,353	4966,41	3,11975	-5,34406	9,0888E-08	2,1396E-06	yes
AN12199	ChrVII_A_nidulans_FGSC_A4:3130548-3132534	WT_5hasex	WT_veg	OK	83,0471	43,1493	-0,944594	1,63537	0,101971	0,293696	no
AN1220	ChrVIII_A_nidulans_FGSC_A4:1152559-1153256	WT_5hasex	WT_veg	OK	75,2466	147,731	0,973277	-1,93483	0,0530107	0,184883	no
AN12201	ChrII_A_nidulans_FGSC_A4:1266932-1267663	WT_5hasex	WT_veg	OK	79,4659	136,083	0,776083	-1,47016	0,141518	0,365006	no
AN12202	ChrII_A_nidulans_FGSC_A4:1285511-1286849	WT_5hasex	WT_veg	OK	1,92992	8,60131	2,15602	-2,34268	0,0191456	0,0860806	no
AN12203	ChrII_A_nidulans_FGSC_A4:1291569-1292931	WT_5hasex	WT_veg	OK	19,3369	60,7476	1,65147	-3,0673	0,00216003	0,0149028	yes
AN12204	ChrII_A_nidulans_FGSC_A4:1293340-1297675	WT_5hasex	WT_veg	OK	8,42971	8,06365	-0,0640512	0,125549	0,900089	0,961432	no
AN12205	ChrII_A_nidulans_FGSC_A4:1299087-1299527	WT_5hasex	WT_veg	OK	31,1022	51,0917	0,71607	-1,11906	0,263116	0,533908	no
AN12206	ChrII_A_nidulans_FGSC_A4:1311063-1312234	WT_5hasex	WT_veg	OK	7,52314	72,3342	3,26527	-5,06398	4,106E-07	8,2947E-06	yes
AN12207	ChrII_A_nidulans_FGSC_A4:1369979-1370915	WT_5hasex	WT_veg	OK	64,0954	137,624	1,10244	-2,22085	0,026361	0,109859	no
AN12208	ChrII_A_nidulans_FGSC_A4:1405120-1406678	WT_5hasex	WT_veg	OK	60,8883	126,422	1,05401	-2,18134	0,0291582	0,118676	no
AN12209	ChrVIII_A_nidulans_FGSC_A4:715103-717404	WT_5hasex	WT_veg	OK	32,5961	131,154	2,00849	-3,48744	0,00048767	0,0042584	yes
AN1221	ChrVIII_A_nidulans_FGSC_A4:1148211-1151109	WT_5hasex	WT_veg	OK	5,55471	5,8008	0,062539	-0,105435	0,916031	0,967955	no
AN12212	ChrVIII_A_nidulans_FGSC_A4:2850234-2851325	WT_5hasex	WT_veg	OK	22,1016	19,9367	-0,148722	0,241797	0,808937	0,923371	no

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AN12213	ChrVIII_A_nidulans_FGSC_A4:2791719-2792646	WT_5hasex	WT_veg	OK	830,53	1399,93	0,753247	-1,47198	0,141026	0,364238	no
AN12216	ChrVIII_A_nidulans_FGSC_A4:2637039-2640269	WT_5hasex	WT_veg	OK	19,4642	88,3634	2,18263	-4,40414	1,0621E-05	0,00015161	yes
AN12217	ChrVIII_A_nidulans_FGSC_A4:2579412-2580815	WT_5hasex	WT_veg	NOTEST	0,740917	0,180935	-2,03384	0,668434	0,503857	1	no
AN12218	ChrVIII_A_nidulans_FGSC_A4:2571416-2571991	WT_5hasex	WT_veg	OK	11,7676	20,7715	0,819783	-1,19677	0,231396	0,495692	no
AN1222	ChrVIII_A_nidulans_FGSC_A4:1145974-1147805	WT_5hasex	WT_veg	OK	390,907	614,973	0,653699	-1,22267	0,221455	0,483046	no
AN12220	ChrVIII_A_nidulans_FGSC_A4:2478680-2480503	WT_5hasex	WT_veg	OK	3,43608	4,58209	0,415241	-0,309785	0,756724	0,899446	no
AN12221	ChrIII_A_nidulans_FGSC_A4:1036067-1036865	WT_5hasex	WT_veg	OK	94,866	368,314	1,95697	-4,06226	4,8601E-05	0,00058426	yes
AN12222	ChrIII_A_nidulans_FGSC_A4:1034431-1035302	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12223	ChrIII_A_nidulans_FGSC_A4:1029076-1030149	WT_5hasex	WT_veg	OK	193,269	369,926	0,936628	-1,89121	0,0585962	0,198767	no
AN12224	ChrIII_A_nidulans_FGSC_A4:1006429-1007470	WT_5hasex	WT_veg	OK	2,38859	1,96403	-0,282337	0,18457	0,853566	0,942667	no
AN12225	ChrIII_A_nidulans_FGSC_A4:907459-908598	WT_5hasex	WT_veg	NOTEST	0,860141	1,03164	0,262295	-0,159115	0,873578	1	no
AN12226	ChrVIII_A_nidulans_FGSC_A4:4606123-4607675	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12227	ChrVIII_A_nidulans_FGSC_A4:4602479-4602917	WT_5hasex	WT_veg	OK	45,4674	72,7848	0,678804	-1,16234	0,245097	0,512718	no
AN12228	ChrVIII_A_nidulans_FGSC_A4:4551857-4552763	WT_5hasex	WT_veg	OK	2,40456	0	-1.79769e+308	-1.79769e+308	0,0908325	0,270621	no
AN12229	ChrIII_A_nidulans_FGSC_A4:2139838-2140904	WT_5hasex	WT_veg	OK	223,321	563,837	1,33616	-2,70662	0,00679712	0,0382581	yes
AN1223	ChrVIII_A_nidulans_FGSC_A4:1144415-1145632	WT_5hasex	WT_veg	OK	24,0967	48,8238	1,01875	-1,90634	0,0566061	0,193751	no
AN12230	ChrIII_A_nidulans_FGSC_A4:2099451-2099991	WT_5hasex	WT_veg	OK	11,5827	17,5448	0,599068	-0,825624	0,409017	0,678957	no
AN12232	ChrVII_A_nidulans_FGSC_A4:3912274-3912586	WT_5hasex	WT_veg	OK	47,8844	69,0904	0,528931	-0,864934	0,387075	0,660529	no
AN12233	ChrVII_A_nidulans_FGSC_A4:3972786-3973174	WT_5hasex	WT_veg	OK	107,207	198,614	0,889573	-1,64695	0,0995674	0,288405	no
AN12234	ChrVII_A_nidulans_FGSC_A4:3998418-3998964	WT_5hasex	WT_veg	OK	1,4837	8,80476	2,56908	-2,58883	0,00963016	0,050555	no
AN12236	ChrVII_A_nidulans_FGSC_A4:4015953-4017869	WT_5hasex	WT_veg	OK	5,57848	19,0971	1,77541	-2,88603	0,00390129	0,0242903	yes
AN12238	ChrVII_A_nidulans_FGSC_A4:540370-541771	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12239	ChrVII_A_nidulans_FGSC_A4:524079-527675	WT_5hasex	WT_veg	OK	3,50576	5,29275	0,594292	-0,800855	0,423216	0,691098	no
AN1224	ChrVIII_A_nidulans_FGSC_A4:1143661-1144250	WT_5hasex	WT_veg	OK	34,6728	81,8671	1,23948	-2,15005	0,0315514	0,126239	no
AN12240	ChrVII_A_nidulans_FGSC_A4:494806-495296	WT_5hasex	WT_veg	OK	3,1329	1,57817	-0,989247	0,64454	0,519225	0,762898	no
AN12241	ChrIII_A_nidulans_FGSC_A4:3020039-3020573	WT_5hasex	WT_veg	OK	49,8512	121,569	1,28608	-2,33511	0,0195374	0,0875193	no
AN12244	ChrIII_A_nidulans_FGSC_A4:2982530-2983921	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12245	ChrIV_A_nidulans_FGSC_A4:403518-403968	WT_5hasex	WT_veg	NOTEST	1,77822	0	-1.79769e+308	-1.79769e+308	0,0687549	1	no
AN12246	ChrIV_A_nidulans_FGSC_A4:394593-395181	WT_5hasex	WT_veg	OK	1134,5	1944,44	0,777305	-1,52861	0,12636	0,338749	no
AN12249	ChrIV_A_nidulans_FGSC_A4:1046561-1048581	WT_5hasex	WT_veg	OK	11,0049	20,7853	0,917417	-1,602	0,109156	0,307793	no
AN1225	ChrVIII_A_nidulans_FGSC_A4:1138289-1139627	WT_5hasex	WT_veg	OK	16,493	35,3876	1,10139	-1,97879	0,0478392	0,172329	no
AN12250	ChrIV_A_nidulans_FGSC_A4:948000-949124	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12252	ChrVI_A_nidulans_FGSC_A4:3083164-3083458	WT_5hasex	WT_veg	OK	2,01806	8,08217	2,00177	-1,4065	0,159575	0,394846	no
AN12253	ChrVI_A_nidulans_FGSC_A4:3079473-3080032	WT_5hasex	WT_veg	OK	2,26754	3,35502	0,565191	-0,418075	0,675892	0,855809	no
AN12254	ChrV_A_nidulans_FGSC_A4:795341-795936	WT_5hasex	WT_veg	OK	7,21693	2,57851	-1,48485	1,30737	0,191088	0,442054	no
AN12255	ChrV_A_nidulans_FGSC_A4:796212-797183	WT_5hasex	WT_veg	OK	12,086	24,7556	1,03442	-1,66143	0,0966266	0,282374	no
AN12256	ChrV_A_nidulans_FGSC_A4:808618-811868	WT_5hasex	WT_veg	OK	20,1767	35,0486	0,796668	-1,50797	0,131563	0,347961	no
AN12257	ChrV_A_nidulans_FGSC_A4:850486-850869	WT_5hasex	WT_veg	NOTEST	0,921112	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN12258	ChrV_A_nidulans_FGSC_A4:880281-882816	WT_5hasex	WT_veg	NOTEST	1,85876	3,03477	0,707244	-0,859905	0,389842	1	no
AN12259	ChrV_A_nidulans_FGSC_A4:890890-891103	WT_5hasex	WT_veg	NOTEST	1,13969	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1226	ChrVIII_A_nidulans_FGSC_A4:1136202-1138054	WT_5hasex	WT_veg	OK	28,7157	53,6346	0,901322	-1,82284	0,0683274	0,221675	no
AN12260	ChrV_A_nidulans_FGSC_A4:903854-904244	WT_5hasex	WT_veg	OK	10,5541	24,203	1,19738	-1,57152	0,116063	0,320156	no
AN12261	ChrI_A_nidulans_FGSC_A4:1647545-1648228	WT_5hasex	WT_veg	OK	6,06505	26,9572	2,15208	-2,90682	0,00365127	0,0230328	yes
AN12262	ChrI_A_nidulans_FGSC_A4:1537031-1537520	WT_5hasex	WT_veg	OK	8,28735	11,3074	0,44828	-0,511294	0,609145	0,818637	no
AN12263	ChrIII_A_nidulans_FGSC_A4:2063346-2065921	WT_5hasex	WT_veg	NOTEST	0,249427	0	-1.79769e+308	-1.79769e+308	0,304271	1	no
AN12264	ChrIII_A_nidulans_FGSC_A4:2055565-2056569	WT_5hasex	WT_veg	OK	38,1798	15,9313	-1,26095	2,31588	0,0205648	0,09109	no
AN12265	ChrIII_A_nidulans_FGSC_A4:2015151-2015881	WT_5hasex	WT_veg	NOTEST	0,406852	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN12267	ChrIV_A_nidulans_FGSC_A4:628295-629766	WT_5hasex	WT_veg	OK	5,5492	5,10733	-0,119711	0,159735	0,87309	0,951384	no
AN12268	ChrIV_A_nidulans_FGSC_A4:568369-570473	WT_5hasex	WT_veg	OK	2,42709	1,48247	-0,711225	0,327645	0,74318	0,891991	no
AN12269	ChrVIII_A_nidulans_FGSC_A4:4750298-4751980	WT_5hasex	WT_veg	OK	2,12488	7,0254	1,7252	-2,07424	0,0380574	0,145345	no
AN1227	ChrVIII_A_nidulans_FGSC_A4:1131583-1135018	WT_5hasex	WT_veg	OK	17,3072	24,2115	0,484322	-0,963154	0,33547	0,611513	no
AN12270	ChrVIII_A_nidulans_FGSC_A4:4744167-4744366	WT_5hasex	WT_veg	NOTEST	2,0254	1,5934	-0,346098	0,0996137	0,920651	1	no
AN12271	ChrI_A_nidulans_FGSC_A4:3573771-3574735	WT_5hasex	WT_veg	OK	99,5476	166,138	0,738926	-1,49166	0,135788	0,35537	no

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AN12272	ChrI_A_nidulans_FGSC_A4:3575661-3575960	WT_5hasex	WT_veg	OK	65,9621	111,061	0,751647	-1,24799	0,212035	0,470947	no
AN12273	ChrI_A_nidulans_FGSC_A4:3631392-3632082	WT_5hasex	WT_veg	NOTEST	1,60824	3,40222	1,08099	-0,930541	0,352091		1 no
AN12276	ChrI_A_nidulans_FGSC_A4:3675676-3676832	WT_5hasex	WT_veg	NOTEST	0,425405	2,91104	2,77463	-1,34377	0,179024		1 no
AN12277	ChrVII_A_nidulans_FGSC_A4:437059-438494	WT_5hasex	WT_veg	OK	0,138087	4,50668	5,02842	-3,27181	0,00106862	0,00829103	yes
AN12279	ChrIII_A_nidulans_FGSC_A4:60182-64500	WT_5hasex	WT_veg	OK	3,43136	1,92726	-0,832232	1,3148	0,188577	0,438608	no
AN1228	ChrVIII_A_nidulans_FGSC_A4:1130116-1131186	WT_5hasex	WT_veg	OK	1275,44	2199	0,785857	-1,39396	0,163331	0,400265	no
AN12280	ChrIII_A_nidulans_FGSC_A4:57863-59084	WT_5hasex	WT_veg	OK	103,74	60,4759	-0,778545	1,51049	0,130919	0,346836	no
AN12281	ChrIII_A_nidulans_FGSC_A4:49562-51566	WT_5hasex	WT_veg	OK	4,91888	10,248	1,05894	-1,44117	0,149537	0,37817	no
AN12284	ChrIII_A_nidulans_FGSC_A4:7393-8509	WT_5hasex	WT_veg	OK	11,736	29,2162	1,31582	-2,0559	0,0397926	0,150296	no
AN12285	ChrV_A_nidulans_FGSC_A4:77041-77644	WT_5hasex	WT_veg	NOTEST	0,383398	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN12286	ChrV_A_nidulans_FGSC_A4:123360-123892	WT_5hasex	WT_veg	NOTEST	1,7427	0	-1.79769e+308	-1.79769e+308	0,0561526		1 no
AN12287	ChrV_A_nidulans_FGSC_A4:171281-172081	WT_5hasex	WT_veg	OK	6,02883	19,5951	1,70054	-1,92099	0,0547335	0,189218	no
AN1229	ChrVIII_A_nidulans_FGSC_A4:1129002-1129886	WT_5hasex	WT_veg	OK	60,4459	212,794	1,81574	-3,63002	0,0002834	0,00268835	yes
AN12290	ChrIV_A_nidulans_FGSC_A4:1078232-1079255	WT_5hasex	WT_veg	OK	26,1466	86,6483	1,72855	-3,19557	0,00139555	0,0103358	yes
AN12291	ChrIV_A_nidulans_FGSC_A4:1076575-1077727	WT_5hasex	WT_veg	OK	1,86058	8,65197	2,21728	-2,82093	0,0047885	0,0287464	yes
AN12293	ChrV_A_nidulans_FGSC_A4:2456441-2458373	WT_5hasex	WT_veg	NOTEST	1,85832	2,17258	0,225408	-0,278131	0,780912		1 no
AN12294	ChrV_A_nidulans_FGSC_A4:2454806-2456132	WT_5hasex	WT_veg	OK	1,36669	5,02024	1,87707	-1,93539	0,0529423	0,184694	no
AN12297	ChrV_A_nidulans_FGSC_A4:2423647-2423987	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12299	ChrV_A_nidulans_FGSC_A4:2377800-2378810	WT_5hasex	WT_veg	OK	24,1052	34,1932	0,504365	-0,898817	0,36875	0,643572	no
AN1230	ChrVIII_A_nidulans_FGSC_A4:1127688-1128906	WT_5hasex	WT_veg	OK	41,9193	85,0462	1,02063	-2,04319	0,0410338	0,153579	no
AN12304	ChrVII_A_nidulans_FGSC_A4:1830369-1830990	WT_5hasex	WT_veg	OK	82,9776	186,15	1,16567	-2,35719	0,018414	0,0835799	no
AN12305	ChrVII_A_nidulans_FGSC_A4:1831726-1833143	WT_5hasex	WT_veg	OK	153,348	404,932	1,40087	-2,87791	0,00400319	0,0248078	yes
AN12306	ChrVII_A_nidulans_FGSC_A4:1865735-1866900	WT_5hasex	WT_veg	OK	34,3293	16,1661	-1,08647	2,00975	0,0444581	0,163144	no
AN12307	ChrVII_A_nidulans_FGSC_A4:1867273-1867855	WT_5hasex	WT_veg	OK	7,2915	36,6959	2,33133	-3,11106	0,00186418	0,01316	yes
AN12308	ChrVII_A_nidulans_FGSC_A4:1882765-1883166	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12309	ChrVII_A_nidulans_FGSC_A4:1898837-1902156	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN1231	ChrVIII_A_nidulans_FGSC_A4:1125059-1127170	WT_5hasex	WT_veg	OK	6,48451	30,8423	2,24984	-3,76803	0,00016454	0,00168405	yes
AN12311	ChrV_A_nidulans_FGSC_A4:2326941-2327289	WT_5hasex	WT_veg	OK	39,2987	46,1384	0,231487	-0,374347	0,708146	0,873999	no
AN12312	ChrVI_A_nidulans_FGSC_A4:3020961-3022253	WT_5hasex	WT_veg	NOTEST	0,744332	0,860081	0,208527	-0,135896	0,891903		1 no
AN12313	ChrVI_A_nidulans_FGSC_A4:3015134-3015513	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12314	ChrVI_A_nidulans_FGSC_A4:3012215-3014385	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12315	ChrVI_A_nidulans_FGSC_A4:3005414-3006022	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12316	ChrVI_A_nidulans_FGSC_A4:2986987-2987483	WT_5hasex	WT_veg	OK	44,6171	70,0542	0,650876	-1,04176	0,297525	0,572707	no
AN12317	ChrIII_A_nidulans_FGSC_A4:2632886-2633240	WT_5hasex	WT_veg	OK	42,7295	116,864	1,45153	-2,41128	0,0158967	0,0748175	no
AN12318	ChrIII_A_nidulans_FGSC_A4:2579994-2580496	WT_5hasex	WT_veg	OK	4,26104	8,62249	1,0169	-1,05771	0,290186	0,564851	no
AN12319	ChrVII_A_nidulans_FGSC_A4:2473417-2473702	WT_5hasex	WT_veg	OK	63,0267	242,846	1,94601	-3,32122	0,00089625	0,0071677	yes
AN1232	ChrVIII_A_nidulans_FGSC_A4:1121680-1124156	WT_5hasex	WT_veg	OK	18,737	55,4279	1,56472	-3,11208	0,00185772	0,0131246	yes
AN12322	ChrII_A_nidulans_FGSC_A4:2134942-2137328	WT_5hasex	WT_veg	OK	29,0837	52,6009	0,854877	-1,74111	0,0816647	0,25127	no
AN12323	ChrII_A_nidulans_FGSC_A4:2132019-2134499	WT_5hasex	WT_veg	OK	7,58623	15,1294	0,995895	-1,76722	0,0771908	0,241648	no
AN12324	ChrII_A_nidulans_FGSC_A4:2131233-2131803	WT_5hasex	WT_veg	OK	74,3	165,316	1,15379	-2,26057	0,0237858	0,101542	no
AN12325	ChrVI_A_nidulans_FGSC_A4:3383460-3384129	WT_5hasex	WT_veg	NOTEST	1,75864	3,51894	1,00068	-0,905187	0,365366		1 no
AN12326	ChrVI_A_nidulans_FGSC_A4:3379797-3381440	WT_5hasex	WT_veg	OK	2,11929	4,01327	0,9212	-1,09018	0,275636	0,548759	no
AN12327	ChrVI_A_nidulans_FGSC_A4:3377347-3377919	WT_5hasex	WT_veg	NOTEST	0,891147	3,47889	1,96489	-1,38848	0,164992		1 no
AN12328	ChrVI_A_nidulans_FGSC_A4:3354143-3354743	WT_5hasex	WT_veg	NOTEST	0,471373	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN12329	ChrV_A_nidulans_FGSC_A4:1583778-1584819	WT_5hasex	WT_veg	NOTEST	0,647929	2,38951	1,88281	-1,6994	0,0892431		1 no
AN1233	ChrVIII_A_nidulans_FGSC_A4:1117981-1120735	WT_5hasex	WT_veg	OK	7,56989	22,3284	1,56054	-2,77904	0,00545195	0,0318747	yes
AN12330	ChrIV_A_nidulans_FGSC_A4:2824330-2824873	WT_5hasex	WT_veg	OK	7,49712	13,3716	0,834769	-1,0315	0,302305	0,578089	no
AN12331	ChrIV_A_nidulans_FGSC_A4:2825115-2832711	WT_5hasex	WT_veg	OK	5,72154	0,241462	-4,56653	5,42499	5,7959E-08	1,4266E-06	yes
AN12332	ChrII_A_nidulans_FGSC_A4:714-1848	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12333	ChrII_A_nidulans_FGSC_A4:18409-21641	WT_5hasex	WT_veg	OK	4,07171	0,290139	-3,81082	1,87287	0,0610865	0,204736	no
AN12334	ChrII_A_nidulans_FGSC_A4:43796-44399	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12336	ChrVII_A_nidulans_FGSC_A4:3371554-3372059	WT_5hasex	WT_veg	OK	87,7318	273,541	1,64059	-3,06727	0,00216026	0,0149028	yes
AN12337	ChrVII_A_nidulans_FGSC_A4:3372393-3374949	WT_5hasex	WT_veg	OK	15,3565	27,0762	0,818179	-1,58081	0,113921	0,316489	no

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AN12338	ChrVII_A_nidulans_FGSC_A4:3400136-3401023	WT_5hasex	WT_veg	OK	5,17784	9,15186	0,821713	-1,07595	0,281951	0,555757	no
AN12339	ChrV_A_nidulans_FGSC_A4:188768-189719	WT_5hasex	WT_veg	OK	18,878	18,8491	-0,00220843	0,00366151	0,997079	0,998851	no
AN1234	ChrVIII_A_nidulans_FGSC_A4:1117354-1117959	WT_5hasex	WT_veg	OK	28,471	51,2226	0,847288	-1,35323	0,175983	0,420342	no
AN12340	ChrV_A_nidulans_FGSC_A4:200354-201710	WT_5hasex	WT_veg	NOTEST	0	0,769195	1.79769e+308	1.79769e+308	0,237866		1 no
AN12341	ChrV_A_nidulans_FGSC_A4:202080-204334	WT_5hasex	WT_veg	NOTEST	0	0,462034	1.79769e+308	1.79769e+308	0,123334		1 no
AN12342	ChrV_A_nidulans_FGSC_A4:220238-222161	WT_5hasex	WT_veg	NOTEST	1,52947	0,175641	-3,12233	1,0382	0,299178		1 no
AN12343	ChrII_A_nidulans_FGSC_A4:1170619-1171201	WT_5hasex	WT_veg	OK	13,8337	23,1749	0,744373	-1,1054	0,268988	0,540803	no
AN12344	ChrII_A_nidulans_FGSC_A4:1206072-1206608	WT_5hasex	WT_veg	OK	83,3773	160,111	0,941348	-1,85372	0,063779	0,210967	no
AN12345	ChrII_A_nidulans_FGSC_A4:1209402-1210059	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12348	ChrVIII_A_nidulans_FGSC_A4:645752-646064	WT_5hasex	WT_veg	OK	23,8022	37,5848	0,659052	-0,917496	0,358883	0,633803	no
AN12350	ChrI_A_nidulans_FGSC_A4:1507428-1507742	WT_5hasex	WT_veg	OK	25,6384	35,3745	0,464404	-0,540352	0,588954	0,806544	no
AN12351	ChrI_A_nidulans_FGSC_A4:1474093-1474709	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12353	ChrII_A_nidulans_FGSC_A4:3854731-3855927	WT_5hasex	WT_veg	OK	9,55753	12,4539	0,381884	-0,591996	0,553853	0,784427	no
AN12354	ChrII_A_nidulans_FGSC_A4:3834494-3835773	WT_5hasex	WT_veg	OK	3,65667	20,8234	2,5096	-3,28797	0,00100913	0,00791266	yes
AN12355	ChrII_A_nidulans_FGSC_A4:3834091-3834421	WT_5hasex	WT_veg	OK	3,77993	20,3615	2,42941	-2,66884	0,00761128	0,0418824	yes
AN12356	ChrII_A_nidulans_FGSC_A4:3832861-3833479	WT_5hasex	WT_veg	NOTEST	1,32065	0,286666	-2,20381	0,724186	0,468952		1 no
AN12357	ChrII_A_nidulans_FGSC_A4:3828889-3830508	WT_5hasex	WT_veg	OK	2,73127	1,56281	-0,805427	0,821197	0,411534	0,681442	no
AN12358	ChrI_A_nidulans_FGSC_A4:851926-852853	WT_5hasex	WT_veg	OK	40,3296	59,5829	0,563059	-1,09754	0,272407	0,544939	no
AN12359	ChrI_A_nidulans_FGSC_A4:830956-831453	WT_5hasex	WT_veg	OK	1,43296	5,15317	1,84646	-1,5586	0,119091	0,326033	no
AN1236	ChrVIII_A_nidulans_FGSC_A4:1110128-1111816	WT_5hasex	WT_veg	OK	5,97787	25,7092	2,10458	-3,1955	0,00139588	0,0103358	yes
AN12360	ChrI_A_nidulans_FGSC_A4:813816-816155	WT_5hasex	WT_veg	OK	27,0937	39,6113	0,547955	-1,11308	0,265673	0,537052	no
AN12361	ChrVII_A_nidulans_FGSC_A4:998602-999070	WT_5hasex	WT_veg	NOTEST	0,913331	0,398222	-1,19756	0,378859	0,704793		1 no
AN12364	ChrIII_A_nidulans_FGSC_A4:2656018-2656938	WT_5hasex	WT_veg	OK	53,3516	141,525	1,40746	-2,78921	0,00528373	0,0310868	yes
AN12366	ChrVII_A_nidulans_FGSC_A4:4111490-4112468	WT_5hasex	WT_veg	OK	33,1086	46,4801	0,489409	-0,907137	0,364334	0,639271	no
AN12369	ChrVIII_A_nidulans_FGSC_A4:2702898-2704398	WT_5hasex	WT_veg	OK	2,48371	2,2835	-0,121252	0,145872	0,884023	0,955953	no
AN12371	ChrI_A_nidulans_FGSC_A4:3707884-3708488	WT_5hasex	WT_veg	NOTEST	1,22218	2,59463	1,08607	-0,61801	0,536569		1 no
AN12372	ChrI_A_nidulans_FGSC_A4:3724206-3724554	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12373	ChrIV_A_nidulans_FGSC_A4:517452-518659	WT_5hasex	WT_veg	OK	15,7963	22,396	0,503656	-0,646346	0,518055	0,762089	no
AN12374	ChrIV_A_nidulans_FGSC_A4:492950-495589	WT_5hasex	WT_veg	OK	3,8187	6,22145	0,704171	-0,950873	0,341669	0,617298	no
AN12375	ChrV_A_nidulans_FGSC_A4:251993-253656	WT_5hasex	WT_veg	OK	0,773782	12,5128	4,01533	-2,03114	0,042241	0,156965	no
AN12376	ChrV_A_nidulans_FGSC_A4:296880-297546	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12377	ChrVI_A_nidulans_FGSC_A4:1489608-1490001	WT_5hasex	WT_veg	OK	1,60901	4,06736	1,33792	-1,08144	0,279502	0,553158	no
AN12378	ChrVI_A_nidulans_FGSC_A4:1456343-1458359	WT_5hasex	WT_veg	OK	7,49364	5,48123	-0,451166	0,588092	0,556471	0,786407	no
AN12379	ChrVI_A_nidulans_FGSC_A4:2720412-2721878	WT_5hasex	WT_veg	OK	0,409351	12,2494	4,90323	-2,37889	0,0173648	0,079982	no
AN12385	ChrVII_A_nidulans_FGSC_A4:267253-268525	WT_5hasex	WT_veg	OK	1,13659	4,4331	1,9636	-1,38756	0,16527	0,403489	no
AN12386	ChrII_A_nidulans_FGSC_A4:2721876-2722803	WT_5hasex	WT_veg	OK	12,3511	22,3975	0,858698	-1,35333	0,175949	0,420323	no
AN12387	ChrII_A_nidulans_FGSC_A4:2712140-2714657	WT_5hasex	WT_veg	OK	12,9185	11,0382	-0,226927	0,42091	0,673821	0,854601	no
AN12388	ChrII_A_nidulans_FGSC_A4:2706241-2707144	WT_5hasex	WT_veg	OK	1,92345	9,58421	2,31697	-2,78598	0,00533669	0,0313267	yes
AN12389	ChrII_A_nidulans_FGSC_A4:2703847-2705300	WT_5hasex	WT_veg	OK	38,6882	173,029	2,16105	-4,38414	1,1645E-05	0,0001643	yes
AN1239	ChrVIII_A_nidulans_FGSC_A4:1101691-1102504	WT_5hasex	WT_veg	OK	5,12379	6,46766	0,336033	-0,433915	0,66435	0,84985	no
AN12390	ChrVII_A_nidulans_FGSC_A4:311942-313116	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12391	ChrVII_A_nidulans_FGSC_A4:310808-311348	WT_5hasex	WT_veg	OK	4,73635	7,73813	0,708209	-0,841748	0,399929	0,672219	no
AN12392	ChrVII_A_nidulans_FGSC_A4:309722-310155	WT_5hasex	WT_veg	OK	32,2353	74,342	1,20554	-1,93889	0,0525142	0,183616	no
AN12394	ChrV_A_nidulans_FGSC_A4:760632-760967	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12395	ChrV_A_nidulans_FGSC_A4:44575-45171	WT_5hasex	WT_veg	NOTEST	0	1,62982	1.79769e+308	1.79769e+308	0,123323		1 no
AN12396	ChrIII_A_nidulans_FGSC_A4:142197-142590	WT_5hasex	WT_veg	NOTEST	0	2,37973	1.79769e+308	1.79769e+308	0,123323		1 no
AN12397	ChrIII_A_nidulans_FGSC_A4:130560-130893	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN12398	ChrIII_A_nidulans_FGSC_A4:128676-129743	WT_5hasex	WT_veg	OK	18,1648	33,5401	0,884742	-1,55201	0,12066	0,328731	no
AN12400	ChrIV_A_nidulans_FGSC_A4:487736-488615	WT_5hasex	WT_veg	OK	9,80045	2,38872	-2,03661	1,9744	0,0483359	0,17345	no
AN12402	ChrII_A_nidulans_FGSC_A4:446922-448268	WT_5hasex	WT_veg	OK	3,83016	7,79374	1,02491	-1,3493	0,17724	0,422264	no
AN12403	ChrII_A_nidulans_FGSC_A4:1149188-1153142	WT_5hasex	WT_veg	OK	11,2051	11,8973	0,0864838	-0,166787	0,867538	0,949299	no
AN12404	ChrII_A_nidulans_FGSC_A4:1154034-1155381	WT_5hasex	WT_veg	OK	21,8036	42,5303	0,963924	-1,81733	0,0691671	0,22356	no
AN12406	ChrII_A_nidulans_FGSC_A4:853771-854272	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no

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AN12407	ChrII_A_nidulans_FGSC_A4:1483516-1483827	WT_5hasex	WT_veg	OK	203,758	411,067	1,01251	-2,00308	0,0451686	0,165013	no
AN12408	ChrI_A_nidulans_FGSC_A4:3535145-3537192	WT_5hasex	WT_veg	OK	66,404	82,4896	0,312942	-0,625591	0,531583	0,770819	no
AN12409	ChrI_A_nidulans_FGSC_A4:3556650-3557332	WT_5hasex	WT_veg	OK	5,81678	8,61558	0,566728	-0,637956	0,523502	0,765631	no
AN12411	ChrVII_A_nidulans_FGSC_A4:679145-679528	WT_5hasex	WT_veg	OK	1,24719	7,53197	2,59435	-1,67703	0,0935375	0,276284	no
AN12413	ChrVII_A_nidulans_FGSC_A4:449083-449446	WT_5hasex	WT_veg	OK	2,91363	1,98512	-0,553593	0,360152	0,718733	0,879526	no
AN12414	ChrVII_A_nidulans_FGSC_A4:326855-327349	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12417	ChrVIII_A_nidulans_FGSC_A4:549642-550488	WT_5hasex	WT_veg	OK	32,502	44,2851	0,446293	-0,832417	0,405173	0,676304	no
AN12418	ChrV_A_nidulans_FGSC_A4:7784-8354	WT_5hasex	WT_veg	NOTEST	0,475808	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN12419	ChrVIII_A_nidulans_FGSC_A4:2653427-2654216	WT_5hasex	WT_veg	OK	17,3312	118,6	2,77466	-4,63334	3,5982E-06	5,7644E-05	yes
AN1242	ChrVIII_A_nidulans_FGSC_A4:1072960-1092126	WT_5hasex	WT_veg	NOTEST	0,94576	0,343445	-1,46139	2,33641	0,0194698	1	no
AN12423	ChrI_A_nidulans_FGSC_A4:3569267-3570214	WT_5hasex	WT_veg	OK	8,4505	6,85296	-0,30231	0,255314	0,79848	0,918715	no
AN12424	ChrVI_A_nidulans_FGSC_A4:2702469-2702730	WT_5hasex	WT_veg	OK	0	5,7895	1.79769e+308	1.79769e+308	0,123323	0,333265	no
AN12426	ChrII_A_nidulans_FGSC_A4:1084855-1087570	WT_5hasex	WT_veg	OK	67,0261	608,625	3,18276	-5,97153	2,3505E-09	7,6788E-08	yes
AN12427	ChrII_A_nidulans_FGSC_A4:1088709-1089159	WT_5hasex	WT_veg	OK	61,1544	169,579	1,47143	-2,57488	0,0100276	0,0522437	no
AN12428	ChrVIII_A_nidulans_FGSC_A4:708112-708754	WT_5hasex	WT_veg	OK	11,0429	26,5807	1,26725	-1,88116	0,0599502	0,202156	no
AN12429	ChrVIII_A_nidulans_FGSC_A4:712578-714609	WT_5hasex	WT_veg	OK	8,4831	31,0844	1,87353	-3,16059	0,00157449	0,0114417	yes
AN1243	ChrVIII_A_nidulans_FGSC_A4:1070769-1072702	WT_5hasex	WT_veg	OK	35,5353	164,355	2,20949	-4,00271	6,2621E-05	0,00072954	yes
AN12431	ChrII_A_nidulans_FGSC_A4:453970-466058	WT_5hasex	WT_veg	OK	3,71249	8,62566	1,21625	-1,82294	0,0683131	0,221642	no
AN12434	ChrIII_A_nidulans_FGSC_A4:2705644-2706145	WT_5hasex	WT_veg	OK	5,38776	17,7375	1,71904	-2,07443	0,0380393	0,145298	no
AN12435	ChrIII_A_nidulans_FGSC_A4:2702007-2704524	WT_5hasex	WT_veg	OK	2,08099	5,47371	1,39525	-1,95721	0,0503224	0,178326	no
AN12437	ChrV_A_nidulans_FGSC_A4:2263337-2264060	WT_5hasex	WT_veg	OK	13,9269	31,7672	1,18967	-1,87975	0,0601419	0,20262	no
AN1244	ChrVIII_A_nidulans_FGSC_A4:1067454-1069947	WT_5hasex	WT_veg	OK	52,0015	110,107	1,08229	-2,25799	0,0239461	0,10206	no
AN12440	ChrII_A_nidulans_FGSC_A4:876955-881104	WT_5hasex	WT_veg	NOTEST	0,1602	0,380104	1,24652	-1,02756	0,304157	1	no
AN12441	ChrI_A_nidulans_FGSC_A4:1156959-1158070	WT_5hasex	WT_veg	OK	21,3863	1,45735	-3,87526	3,658	0,00025419	0,00245033	yes
AN12442	ChrI_A_nidulans_FGSC_A4:1154700-1156602	WT_5hasex	WT_veg	NOTEST	0,329024	0	-1.79769e+308	-1.79769e+308	0,0703913	1	no
AN12443	ChrV_A_nidulans_FGSC_A4:3328307-3329298	WT_5hasex	WT_veg	OK	6,18499	4,80318	-0,364783	0,416146	0,677303	0,856902	no
AN12445	ChrV_A_nidulans_FGSC_A4:246413-248295	WT_5hasex	WT_veg	NOTEST	0,427146	0,112021	-1,93096	0,639702	0,522366	1	no
AN12446	ChrV_A_nidulans_FGSC_A4:248563-249650	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12449	ChrII_A_nidulans_FGSC_A4:846962-848999	WT_5hasex	WT_veg	OK	25,7259	54,7955	1,09083	-2,20861	0,0272018	0,112451	no
AN1245	ChrVIII_A_nidulans_FGSC_A4:1065602-1066336	WT_5hasex	WT_veg	OK	200,999	490,972	1,28845	-2,62172	0,00874864	0,0468711	yes
AN12450	ChrII_A_nidulans_FGSC_A4:3886421-3888378	WT_5hasex	WT_veg	OK	15,75	73,4739	2,22188	-2,84908	0,00438458	0,0267755	yes
AN12452	ChrVII_A_nidulans_FGSC_A4:960382-962292	WT_5hasex	WT_veg	OK	24,9801	33,3762	0,418043	-0,793578	0,427441	0,694256	no
AN12453	ChrVIII_A_nidulans_FGSC_A4:890655-892133	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN12457	ChrVI_A_nidulans_FGSC_A4:1450640-1451703	WT_5hasex	WT_veg	OK	19,56	14,1443	-0,46768	0,768202	0,442367	0,706262	no
AN12458	ChrII_A_nidulans_FGSC_A4:414744-416598	WT_5hasex	WT_veg	OK	23,4003	16,878	-0,471386	0,797427	0,425203	0,692875	no
AN12459	ChrIII_A_nidulans_FGSC_A4:768215-770924	WT_5hasex	WT_veg	OK	15,02	32,6064	1,11827	-1,82957	0,0673145	0,219317	no
AN12460	ChrVI_A_nidulans_FGSC_A4:3302000-3303031	WT_5hasex	WT_veg	OK	2,79091	16,6078	2,57305	-3,44222	0,00057696	0,00492324	yes
AN12461	ChrII_A_nidulans_FGSC_A4:2126821-2128994	WT_5hasex	WT_veg	OK	62,7681	85,8864	0,452398	-0,883854	0,376775	0,651438	no
AN12465	ChrIII_A_nidulans_FGSC_A4:1587552-1589408	WT_5hasex	WT_veg	OK	192,862	350,011	0,85983	-1,72465	0,0845912	0,257868	no
AN12466	ChrVII_A_nidulans_FGSC_A4:3341321-3343085	WT_5hasex	WT_veg	OK	19,3679	32,9147	0,765062	-1,23654	0,216257	0,476367	no
AN1247	ChrVIII_A_nidulans_FGSC_A4:1061301-1063099	WT_5hasex	WT_veg	OK	237,806	686,18	1,5288	-3,04787	0,00230467	0,0157047	yes
AN12470	ChrVII_A_nidulans_FGSC_A4:2978120-2980726	WT_5hasex	WT_veg	OK	70,5589	91,9559	0,382113	-0,771402	0,440468	0,704626	no
AN1248	ChrVIII_A_nidulans_FGSC_A4:1058914-1061171	WT_5hasex	WT_veg	OK	14,8875	16,6386	0,160429	-0,291866	0,770389	0,905602	no
AN1249	ChrVIII_A_nidulans_FGSC_A4:1056134-1058647	WT_5hasex	WT_veg	OK	20,4341	30,5749	0,581369	-1,16879	0,242487	0,509209	no
AN1250	ChrVIII_A_nidulans_FGSC_A4:1052986-1055356	WT_5hasex	WT_veg	OK	392,606	1604,58	2,03105	-3,40245	0,00066784	0,00556291	yes
AN1251	ChrVIII_A_nidulans_FGSC_A4:1051012-1052349	WT_5hasex	WT_veg	OK	57,9702	51,2698	-0,177203	0,354293	0,72312	0,882086	no
AN1252	ChrVIII_A_nidulans_FGSC_A4:1044301-1045786	WT_5hasex	WT_veg	OK	32,7651	71,5202	1,12619	-1,97835	0,0478887	0,172436	no
AN1253	ChrVIII_A_nidulans_FGSC_A4:1042821-1043391	WT_5hasex	WT_veg	OK	16,1698	21,8324	0,433169	-0,639979	0,522187	0,76471	no
AN1254	ChrVIII_A_nidulans_FGSC_A4:1040327-1041542	WT_5hasex	WT_veg	OK	19,5363	49,8198	1,35056	-2,44742	0,0143881	0,069273	no
AN1255	ChrVIII_A_nidulans_FGSC_A4:1034807-1039412	WT_5hasex	WT_veg	OK	13,289	33,8016	1,34686	-2,75754	0,00582384	0,033684	yes
AN1256	ChrVIII_A_nidulans_FGSC_A4:1031188-1033836	WT_5hasex	WT_veg	OK	38,0099	129,265	1,76589	-3,68492	0,00022877	0,00223703	yes
AN1257	ChrVIII_A_nidulans_FGSC_A4:1028804-1029933	WT_5hasex	WT_veg	OK	1,61145	3,94612	1,29208	-1,43955	0,149995	0,78889	no
AN1258	ChrVIII_A_nidulans_FGSC_A4:1025018-1027816	WT_5hasex	WT_veg	OK	54,3636	54,2764	-0,00231502	0,00474707	0,996212	0,998531	no

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AN1259	ChrVIII_A_nidulans_FGSC_A4:1022096-1024187	WT_5hasex	WT_veg	OK	37,7437	71,5602	0,922923	-1,92089	0,0547452	0,189245	no
AN1260	ChrVIII_A_nidulans_FGSC_A4:1020319-1021925	WT_5hasex	WT_veg	OK	23,2869	78,206	1,74776	-3,43229	0,0005985	0,0050765	yes
AN1261	ChrVIII_A_nidulans_FGSC_A4:1018812-1019629	WT_5hasex	WT_veg	OK	2,53842	3,42262	0,431169	-0,422547	0,668981	0,851909	no
AN1262	ChrVIII_A_nidulans_FGSC_A4:1017038-1018365	WT_5hasex	WT_veg	OK	769,982	114,913	-2,74429	4,81039	1,5064E-06	2,6569E-05	yes
AN1263	ChrVIII_A_nidulans_FGSC_A4:1014298-1016194	WT_5hasex	WT_veg	OK	563,552	514,84	-0,130424	0,237189	0,812511	0,924734	no
AN1266	ChrVIII_A_nidulans_FGSC_A4:1003882-1007635	WT_5hasex	WT_veg	OK	24,5832	46,7199	0,926367	-1,91086	0,056023	0,192329	no
AN1267	ChrVIII_A_nidulans_FGSC_A4:1002004-1003538	WT_5hasex	WT_veg	OK	145,662	271,493	0,898295	-1,82979	0,0672813	0,219286	no
AN1268	ChrVIII_A_nidulans_FGSC_A4:994263-1000008	WT_5hasex	WT_veg	OK	8,82088	11,1927	0,343559	-0,67054	0,502513	0,751504	no
AN1269	ChrVIII_A_nidulans_FGSC_A4:992774-994042	WT_5hasex	WT_veg	OK	22,7739	85,4703	1,90804	-3,44907	0,00056252	0,00481649	yes
AN1270	ChrVIII_A_nidulans_FGSC_A4:989938-991415	WT_5hasex	WT_veg	OK	141,816	296,968	1,06629	-2,14251	0,0321522	0,128018	no
AN1271	ChrVIII_A_nidulans_FGSC_A4:986686-987679	WT_5hasex	WT_veg	OK	18,469	47,1904	1,35339	-2,23119	0,0256687	0,10765	no
AN1272	ChrVIII_A_nidulans_FGSC_A4:985097-986631	WT_5hasex	WT_veg	OK	78,7555	115,214	0,548857	-1,09276	0,274501	0,547268	no
AN1274	ChrVIII_A_nidulans_FGSC_A4:978827-980022	WT_5hasex	WT_veg	OK	322,616	2486,76	2,94638	-5,07568	3,8612E-07	7,8515E-06	yes
AN1275	ChrVIII_A_nidulans_FGSC_A4:977339-978130	WT_5hasex	WT_veg	OK	17,8192	33,6462	0,91701	-1,51636	0,129429	0,344265	no
AN1276	ChrVIII_A_nidulans_FGSC_A4:975096-977073	WT_5hasex	WT_veg	OK	8,24005	16,489	1,00078	-1,65314	0,0983032	0,285849	no
AN1278	ChrVIII_A_nidulans_FGSC_A4:971843-972256	WT_5hasex	WT_veg	OK	1267,06	10433,6	3,04168	-5,50498	3,692E-08	9,456E-07	yes
AN1279	ChrVIII_A_nidulans_FGSC_A4:970008-971019	WT_5hasex	WT_veg	OK	49,8333	93,0313	0,900606	-1,6262	0,103908	0,297491	no
AN1280	ChrVIII_A_nidulans_FGSC_A4:964753-969542	WT_5hasex	WT_veg	OK	20,9421	17,0765	-0,294387	0,608115	0,543111	0,777726	no
AN1281	ChrVIII_A_nidulans_FGSC_A4:960247-963741	WT_5hasex	WT_veg	OK	27,9348	72,7245	1,38038	-2,75716	0,00583059	0,0337123	yes
AN1282	ChrVIII_A_nidulans_FGSC_A4:960247-963741	WT_5hasex	WT_veg	OK	67,9791	143,201	1,07488	-2,16987	0,0300165	0,121429	no
AN1283	ChrVIII_A_nidulans_FGSC_A4:956540-959892	WT_5hasex	WT_veg	OK	32,8361	19,0512	-0,785396	1,61125	0,107125	0,303995	no
AN1286	ChrVIII_A_nidulans_FGSC_A4:946266-949744	WT_5hasex	WT_veg	OK	19,3743	26,1627	0,433366	-0,867633	0,385595	0,659442	no
AN1287	ChrVIII_A_nidulans_FGSC_A4:943957-945520	WT_5hasex	WT_veg	OK	88,1629	111,309	0,336325	-0,681552	0,495522	0,746524	no
AN1288	ChrVIII_A_nidulans_FGSC_A4:940361-942563	WT_5hasex	WT_veg	OK	20,0579	127,777	2,67139	-5,37373	7,7123E-08	1,8412E-06	yes
AN1290	ChrVIII_A_nidulans_FGSC_A4:931265-934071	WT_5hasex	WT_veg	OK	13,9463	12,7037	-0,134637	0,255535	0,79831	0,918689	no
AN1291	ChrVIII_A_nidulans_FGSC_A4:928941-929645	WT_5hasex	WT_veg	OK	51,4008	66,6192	0,374148	-0,660524	0,508917	0,755497	no
AN1292	ChrVIII_A_nidulans_FGSC_A4:924550-926929	WT_5hasex	WT_veg	OK	32,7159	57,234	0,806879	-1,60167	0,109229	0,307909	no
AN1293	ChrVIII_A_nidulans_FGSC_A4:924550-926929	WT_5hasex	WT_veg	OK	24,3809	45,4793	0,899458	-1,57406	0,115473	0,319146	no
AN1294	ChrVIII_A_nidulans_FGSC_A4:922991-923848	WT_5hasex	WT_veg	OK	2,6948	2,87121	0,0914841	-0,0844944	0,932663	0,974642	no
AN1295	ChrVIII_A_nidulans_FGSC_A4:921410-922697	WT_5hasex	WT_veg	OK	44,2768	130,78	1,56252	-2,93316	0,00335536	0,0214895	yes
AN1296	ChrVIII_A_nidulans_FGSC_A4:918534-921015	WT_5hasex	WT_veg	OK	21,1767	37,1512	0,810932	-1,55681	0,119516	0,326815	no
AN1297	ChrVIII_A_nidulans_FGSC_A4:916154-917886	WT_5hasex	WT_veg	OK	43,5299	37,99	-0,196387	0,363737	0,716055	0,878176	no
AN1298	ChrVIII_A_nidulans_FGSC_A4:908544-910591	WT_5hasex	WT_veg	OK	85,2932	114,284	0,422122	-0,757807	0,448566	0,711154	no
AN13001	ChrII_A_nidulans_FGSC_A4:2726410-2728589	WT_5hasex	WT_veg	NOTEST	0,774736	1,63422	1,07682	-1,1372	0,255453	1	no
AN1301	ChrVIII_A_nidulans_FGSC_A4:896539-897855	WT_5hasex	WT_veg	NOTEST	0,931861	0,156306	-2,57574	0,851358	0,394571	1	no
AN1302	ChrVIII_A_nidulans_FGSC_A4:890655-892133	WT_5hasex	WT_veg	OK	2,69821	5,59784	1,05287	-1,38808	0,165114	0,403183	no
AN1304	ChrVIII_A_nidulans_FGSC_A4:885442-886100	WT_5hasex	WT_veg	OK	23,036	36,0217	0,644974	-1,01786	0,308747	0,584985	no
AN1305	ChrVIII_A_nidulans_FGSC_A4:883521-884274	WT_5hasex	WT_veg	OK	15,9627	62,3858	1,96651	-3,147	0,00164957	0,0118885	yes
AN1306	ChrVIII_A_nidulans_FGSC_A4:879739-880942	WT_5hasex	WT_veg	OK	14,4917	28,5017	0,975818	-1,65324	0,0982828	0,285806	no
AN1307	ChrVIII_A_nidulans_FGSC_A4:878053-878791	WT_5hasex	WT_veg	NOTEST	0	2,16098	1.79769e+308	1.79769e+308	0,123323	1	no
AN1308	ChrVIII_A_nidulans_FGSC_A4:873883-874796	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1309	ChrVIII_A_nidulans_FGSC_A4:871336-873659	WT_5hasex	WT_veg	NOTEST	0,313537	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN1310	ChrVIII_A_nidulans_FGSC_A4:867974-869693	WT_5hasex	WT_veg	OK	8,15869	2,68209	-1,60498	2,04139	0,0412123	0,154115	no
AN1311	ChrVIII_A_nidulans_FGSC_A4:865569-866932	WT_5hasex	WT_veg	OK	5,90611	2,86279	-1,04479	1,33064	0,183308	0,431078	no
AN1312	ChrVIII_A_nidulans_FGSC_A4:863502-864683	WT_5hasex	WT_veg	OK	11,7793	16,7029	0,503843	-0,743147	0,457393	0,718226	no
AN1313	ChrVIII_A_nidulans_FGSC_A4:861957-863097	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1314	ChrVIII_A_nidulans_FGSC_A4:857096-859203	WT_5hasex	WT_veg	OK	3,85589	0,903135	-2,09405	1,93692	0,0527546	0,184223	no
AN1315	ChrVIII_A_nidulans_FGSC_A4:854532-855833	WT_5hasex	WT_veg	NOTEST	1,36626	0,172624	-2,98452	0,992642	0,320884	1	no
AN1316	ChrVIII_A_nidulans_FGSC_A4:852430-853316	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1317	ChrVIII_A_nidulans_FGSC_A4:850428-851802	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1318	ChrVIII_A_nidulans_FGSC_A4:846777-848123	WT_5hasex	WT_veg	NOTEST	0	0,169308	1.79769e+308	1.79769e+308	0,309884	1	no
AN1319	ChrVIII_A_nidulans_FGSC_A4:844695-845477	WT_5hasex	WT_veg	OK	230,887	668,218	1,53313	-3,10572	0,00189816	0,0133603	yes
AN1320	ChrVIII_A_nidulans_FGSC_A4:842396-843226	WT_5hasex	WT_veg	OK	0,233046	5,11311	4,45552	-2,85625	0,0042868	0,0262672	yes

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AN1321	ChrVIII_A_nidulans_FGSC_A4:839947-841063	WT_5hasex	WT_veg	NOTEST	0,690012	2,01998	1,54965	-1,52316	0,127719	1	no
AN1322	ChrVIII_A_nidulans_FGSC_A4:832620-835047	WT_5hasex	WT_veg	OK	5,08042	25,9708	2,35387	-3,34408	0,00082557	0,00666983	yes
AN1323	ChrVIII_A_nidulans_FGSC_A4:830930-832241	WT_5hasex	WT_veg	OK	2,55728	5,04499	0,98024	-1,04176	0,297521	0,572707	no
AN1325	ChrVIII_A_nidulans_FGSC_A4:821818-825395	WT_5hasex	WT_veg	OK	33,3183	43,7482	0,392907	-0,799834	0,423807	0,691676	no
AN1326	ChrVIII_A_nidulans_FGSC_A4:817028-820092	WT_5hasex	WT_veg	OK	16,5406	28,3149	0,775548	-1,53462	0,124877	0,336235	no
AN1327	ChrVIII_A_nidulans_FGSC_A4:814378-816520	WT_5hasex	WT_veg	OK	22,7168	60,5561	1,41451	-2,85537	0,00429865	0,0263275	yes
AN1328	ChrVIII_A_nidulans_FGSC_A4:813406-814204	WT_5hasex	WT_veg	OK	91,2222	136,411	0,580502	-1,17587	0,239646	0,505471	no
AN1329	ChrVIII_A_nidulans_FGSC_A4:809182-810926	WT_5hasex	WT_veg	OK	2,11327	3,01481	0,512586	-0,645256	0,518761	0,762614	no
AN1330	ChrVIII_A_nidulans_FGSC_A4:807568-809159	WT_5hasex	WT_veg	OK	279,42	1001,78	1,84206	-3,53213	0,00041223	0,00369007	yes
AN1331	ChrVIII_A_nidulans_FGSC_A4:805457-806747	WT_5hasex	WT_veg	OK	219,004	597,112	1,44704	-2,91274	0,00358273	0,0226824	yes
AN1334	ChrVIII_A_nidulans_FGSC_A4:801469-802025	WT_5hasex	WT_veg	OK	117,116	124,971	0,0936631	-0,189395	0,849783	0,941019	no
AN1335	ChrVIII_A_nidulans_FGSC_A4:799500-800883	WT_5hasex	WT_veg	OK	60,5076	90,1139	0,574632	-1,18397	0,236425	0,501767	no
AN1336	ChrVIII_A_nidulans_FGSC_A4:797652-799143	WT_5hasex	WT_veg	OK	19,1964	96,2553	2,32603	-4,43559	9,1821E-06	0,00013347	yes
AN1338	ChrVIII_A_nidulans_FGSC_A4:791684-792344	WT_5hasex	WT_veg	OK	413,817	605,954	0,550217	-0,86402	0,387577	0,661096	no
AN1340	ChrVIII_A_nidulans_FGSC_A4:784810-785833	WT_5hasex	WT_veg	OK	83,44	212,384	1,34786	-2,77058	0,0055957	0,0325734	yes
AN1341	ChrVIII_A_nidulans_FGSC_A4:783433-784522	WT_5hasex	WT_veg	OK	94,4805	131,91	0,481468	-0,99123	0,321573	0,597941	no
AN1342	ChrVIII_A_nidulans_FGSC_A4:781191-782595	WT_5hasex	WT_veg	OK	66,5877	306,972	2,20478	-4,63054	3,6471E-06	5,8338E-05	yes
AN1343	ChrVIII_A_nidulans_FGSC_A4:778755-780360	WT_5hasex	WT_veg	OK	37,5245	62,832	0,743665	-1,52114	0,128224	0,342122	no
AN1344	ChrVIII_A_nidulans_FGSC_A4:776444-778021	WT_5hasex	WT_veg	OK	31,3768	108,517	1,79015	-3,59173	0,00032848	0,00304013	yes
AN1345	ChrVIII_A_nidulans_FGSC_A4:775127-776198	WT_5hasex	WT_veg	OK	2073,17	3253,98	0,650369	-0,986498	0,323889	0,600389	no
AN1346	ChrVIII_A_nidulans_FGSC_A4:774100-774921	WT_5hasex	WT_veg	OK	24,4168	23,5028	-0,0550446	0,0952521	0,924115	0,971362	no
AN1347	ChrVIII_A_nidulans_FGSC_A4:773256-773683	WT_5hasex	WT_veg	OK	17,5508	42,5659	1,27816	-1,85107	0,0641599	0,211893	no
AN1348	ChrVIII_A_nidulans_FGSC_A4:772047-772896	WT_5hasex	WT_veg	OK	80,1832	198,291	1,30624	-2,64332	0,00820974	0,0444842	yes
AN1349	ChrVIII_A_nidulans_FGSC_A4:768353-771833	WT_5hasex	WT_veg	OK	37,297	66,0559	0,824626	-1,71215	0,0868697	0,262678	no
AN1350	ChrVIII_A_nidulans_FGSC_A4:766239-766842	WT_5hasex	WT_veg	OK	31,1112	111,967	1,84757	-3,26607	0,00109051	0,00843599	yes
AN1351	ChrVIII_A_nidulans_FGSC_A4:763535-765878	WT_5hasex	WT_veg	OK	22,4551	37,8126	0,751821	-1,52622	0,126955	0,339856	no
AN1352	ChrVIII_A_nidulans_FGSC_A4:762686-763365	WT_5hasex	WT_veg	OK	79,8978	142,246	0,832157	-1,57219	0,115906	0,319904	no
AN1353	ChrVIII_A_nidulans_FGSC_A4:761618-762323	WT_5hasex	WT_veg	OK	30,0234	44,5131	0,56814	-1,00568	0,314571	0,590829	no
AN1354	ChrVIII_A_nidulans_FGSC_A4:757332-759693	WT_5hasex	WT_veg	OK	13,6314	91,3092	2,74383	-5,16894	2,3543E-07	5,0293E-06	yes
AN1355	ChrVIII_A_nidulans_FGSC_A4:755292-756651	WT_5hasex	WT_veg	OK	18,8803	57,5758	1,60859	-2,91036	0,00361008	0,022817	yes
AN1356	ChrVIII_A_nidulans_FGSC_A4:752780-754374	WT_5hasex	WT_veg	OK	1025,38	3094,22	1,59341	-2,12425	0,0336492	0,132633	no
AN1357	ChrVIII_A_nidulans_FGSC_A4:750361-752626	WT_5hasex	WT_veg	OK	73,0313	305,404	2,06413	-4,24347	2,2009E-05	0,00029007	yes
AN1358	ChrVIII_A_nidulans_FGSC_A4:747335-750179	WT_5hasex	WT_veg	OK	145,682	285,44	0,970365	-1,9337	0,0531505	0,185272	no
AN1359	ChrVIII_A_nidulans_FGSC_A4:743599-746479	WT_5hasex	WT_veg	OK	9,82266	26,6386	1,43933	-2,7236	0,00645741	0,0367023	yes
AN1360	ChrVIII_A_nidulans_FGSC_A4:742585-743071	WT_5hasex	WT_veg	OK	8,66743	31,1315	1,8447	-2,56286	0,0103813	0,0536701	no
AN1361	ChrVIII_A_nidulans_FGSC_A4:739952-742094	WT_5hasex	WT_veg	OK	11,2381	56,7845	2,33709	-3,24031	0,00119399	0,00909018	yes
AN1362	ChrVIII_A_nidulans_FGSC_A4:739952-742094	WT_5hasex	WT_veg	OK	69,0771	156,888	1,18345	-2,41432	0,0157646	0,074354	no
AN1363	ChrVIII_A_nidulans_FGSC_A4:736423-739616	WT_5hasex	WT_veg	OK	25,4759	35,582	0,482014	-0,934937	0,349821	0,6253	no
AN1364	ChrVIII_A_nidulans_FGSC_A4:736423-739616	WT_5hasex	WT_veg	OK	39,3633	227,939	2,53373	-4,46647	7,9519E-06	0,00011721	yes
AN1365	ChrVIII_A_nidulans_FGSC_A4:735061-735878	WT_5hasex	WT_veg	OK	112,6	297,089	1,39968	-2,76957	0,00561295	0,032663	yes
AN1366	ChrVIII_A_nidulans_FGSC_A4:732540-734863	WT_5hasex	WT_veg	OK	21,8851	72,6888	1,73178	-3,49155	0,00048022	0,00420463	yes
AN1368	ChrVIII_A_nidulans_FGSC_A4:728166-729701	WT_5hasex	WT_veg	OK	54,3121	86,9192	0,6784	-1,36526	0,17217	0,414374	no
AN1369	ChrVIII_A_nidulans_FGSC_A4:726316-727939	WT_5hasex	WT_veg	OK	34,7352	28,2906	-0,296077	0,592871	0,553268	0,784028	no
AN1371	ChrVIII_A_nidulans_FGSC_A4:723525-724005	WT_5hasex	WT_veg	OK	38,9858	47,6399	0,289222	-0,496939	0,619232	0,824092	no
AN1372	ChrVIII_A_nidulans_FGSC_A4:721157-723115	WT_5hasex	WT_veg	OK	36,029	43,7574	0,280368	-0,568931	0,569403	0,794786	no
AN1373	ChrVIII_A_nidulans_FGSC_A4:718406-720164	WT_5hasex	WT_veg	OK	4,55378	9,30645	1,03117	-1,43288	0,151892	0,382261	no
AN1374	ChrVIII_A_nidulans_FGSC_A4:700077-704071	WT_5hasex	WT_veg	OK	12,2578	10,9757	-0,159382	0,307817	0,758222	0,900103	no
AN1375	ChrVIII_A_nidulans_FGSC_A4:697743-699578	WT_5hasex	WT_veg	OK	20,6255	50,1004	1,28039	-2,47889	0,0131793	0,0647557	no
AN1378	ChrVIII_A_nidulans_FGSC_A4:690136-691514	WT_5hasex	WT_veg	OK	2223,89	414,849	-2,42242	3,49168	0,00047999	0,00420395	yes
AN1380	ChrVIII_A_nidulans_FGSC_A4:685110-687285	WT_5hasex	WT_veg	OK	77,2323	146,626	0,92486	-1,91333	0,0557064	0,191574	no
AN1381	ChrVIII_A_nidulans_FGSC_A4:684276-684852	WT_5hasex	WT_veg	OK	22,2514	59,6783	1,42331	-2,35467	0,0185393	0,0840248	no
AN1382	ChrVIII_A_nidulans_FGSC_A4:681451-682834	WT_5hasex	WT_veg	OK	29,1563	57,2311	0,972994	-1,90067	0,0573449	0,195561	no
AN1383	ChrVIII_A_nidulans_FGSC_A4:679205-680495	WT_5hasex	WT_veg	OK	108,179	177,986	0,718344	-1,44417	0,148691	0,376776	no

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AN1385	ChrVIII_A_nidulans_FGSC_A4:673199-674599	WT_5hasex	WT_veg	OK	22,5685	24,8617	0,139613	-0,265937	0,790288	0,91447	no
AN1386	ChrVIII_A_nidulans_FGSC_A4:669895-672989	WT_5hasex	WT_veg	OK	46,5632	69,0497	0,568444	-1,18764	0,234976	0,500212	no
AN1387	ChrVIII_A_nidulans_FGSC_A4:667798-668978	WT_5hasex	WT_veg	OK	96,8576	194,017	1,00224	-2,0762	0,0378751	0,14485	no
AN1389	ChrVIII_A_nidulans_FGSC_A4:659874-663145	WT_5hasex	WT_veg	OK	29,62	31,5706	0,0920098	-0,185244	0,853037	0,942411	no
AN1390	ChrVIII_A_nidulans_FGSC_A4:659147-659829	WT_5hasex	WT_veg	OK	223,119	494,288	1,14754	-2,3773	0,0174397	0,080242	no
AN1391	ChrVIII_A_nidulans_FGSC_A4:655702-658835	WT_5hasex	WT_veg	OK	18,7386	54,2758	1,5343	-3,13809	0,00170053	0,0121919	yes
AN1392	ChrVIII_A_nidulans_FGSC_A4:654395-655346	WT_5hasex	WT_veg	OK	38,0329	92,7317	1,28581	-2,4656	0,0136783	0,0665647	no
AN1393	ChrVIII_A_nidulans_FGSC_A4:653641-654217	WT_5hasex	WT_veg	OK	83,2996	323,598	1,95782	-3,88094	0,00010405	0,00113572	yes
AN1396	ChrVIII_A_nidulans_FGSC_A4:641946-644653	WT_5hasex	WT_veg	OK	423,601	931,405	1,1367	-1,95968	0,0500328	0,17763	no
AN1398	ChrVIII_A_nidulans_FGSC_A4:632463-633004	WT_5hasex	WT_veg	OK	58,0109	95,7766	0,723349	-1,30449	0,192067	0,443333	no
AN1399	ChrVIII_A_nidulans_FGSC_A4:630269-631985	WT_5hasex	WT_veg	OK	14,7431	35,1351	1,25287	-2,28235	0,0224687	0,0972016	no
AN1400	ChrVIII_A_nidulans_FGSC_A4:628836-629708	WT_5hasex	WT_veg	OK	52,0445	75,8778	0,543931	-1,05656	0,290714	0,565459	no
AN1402	ChrVIII_A_nidulans_FGSC_A4:619929-622076	WT_5hasex	WT_veg	OK	44,3756	61,8389	0,47875	-0,986312	0,32398	0,600506	no
AN1403	ChrVIII_A_nidulans_FGSC_A4:618176-619393	WT_5hasex	WT_veg	OK	71,8655	164,64	1,19595	-2,46603	0,0136619	0,0665035	no
AN1404	ChrVIII_A_nidulans_FGSC_A4:616201-617573	WT_5hasex	WT_veg	OK	41,4199	106,065	1,35655	-2,72379	0,00645374	0,0367023	yes
AN1405	ChrVII_A_nidulans_FGSC_A4:683952-686091	WT_5hasex	WT_veg	OK	111,247	190,466	0,775773	-1,59648	0,110381	0,309995	no
AN1406	ChrVIII_A_nidulans_FGSC_A4:687112-690045	WT_5hasex	WT_veg	OK	23,102	27,7899	0,266546	-0,512313	0,608432	0,818333	no
AN1407	ChrVII_A_nidulans_FGSC_A4:691912-692620	WT_5hasex	WT_veg	OK	55,6634	61,5569	0,145194	-0,278939	0,780292	0,910325	no
AN1408	ChrVII_A_nidulans_FGSC_A4:692689-695863	WT_5hasex	WT_veg	OK	43,8686	87,2211	0,991489	-2,05562	0,0398193	0,150354	no
AN1409	ChrVII_A_nidulans_FGSC_A4:696190-697799	WT_5hasex	WT_veg	OK	235,303	499,175	1,08503	-2,02493	0,0428749	0,158656	no
AN1411	ChrVII_A_nidulans_FGSC_A4:702310-702889	WT_5hasex	WT_veg	OK	46,3409	153,156	1,72465	-2,95851	0,00309129	0,0200408	yes
AN1412	ChrVII_A_nidulans_FGSC_A4:702996-704913	WT_5hasex	WT_veg	OK	29,847	77,1333	1,36977	-2,75284	0,00590813	0,0340554	yes
AN1413	ChrVII_A_nidulans_FGSC_A4:705314-709912	WT_5hasex	WT_veg	OK	24,2217	48,8783	1,0129	-2,09236	0,0364066	0,140651	no
AN1415	ChrVII_A_nidulans_FGSC_A4:714746-715350	WT_5hasex	WT_veg	OK	13,3365	22,6793	0,765998	-1,02164	0,306952	0,582997	no
AN1416	ChrVII_A_nidulans_FGSC_A4:715906-718889	WT_5hasex	WT_veg	OK	44,2283	45,6823	0,0466662	-0,095552	0,923876	0,971309	no
AN1417	ChrVII_A_nidulans_FGSC_A4:721698-722784	WT_5hasex	WT_veg	OK	4,51569	5,43344	0,266919	-0,313074	0,754224	0,898026	no
AN1418	ChrVII_A_nidulans_FGSC_A4:722848-724404	WT_5hasex	WT_veg	OK	235,821	99,2924	-1,24794	2,34215	0,0191728	0,0861653	no
AN1419	ChrVII_A_nidulans_FGSC_A4:725611-726777	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1420	ChrVII_A_nidulans_FGSC_A4:727570-730233	WT_5hasex	WT_veg	OK	26,8496	58,843	1,13197	-2,29488	0,02174	0,0949509	no
AN1421	ChrVII_A_nidulans_FGSC_A4:731303-732944	WT_5hasex	WT_veg	OK	6,64204	47,5423	2,83951	-4,61395	3,9508E-06	6,2603E-05	yes
AN1422	ChrVII_A_nidulans_FGSC_A4:733259-733966	WT_5hasex	WT_veg	OK	28,3437	62,0033	1,12932	-1,87917	0,060221	0,202796	no
AN1423	ChrVII_A_nidulans_FGSC_A4:735177-736785	WT_5hasex	WT_veg	OK	13,301	55,9674	2,07305	-3,60303	0,00031453	0,00293515	yes
AN1424	ChrVII_A_nidulans_FGSC_A4:737414-739749	WT_5hasex	WT_veg	OK	20,0007	48,1515	1,26753	-2,52047	0,0117199	0,0590357	no
AN1426	ChrVII_A_nidulans_FGSC_A4:747536-749625	WT_5hasex	WT_veg	OK	135,722	43,1237	-1,6541	2,64355	0,00820428	0,0444592	yes
AN1427	ChrVII_A_nidulans_FGSC_A4:749743-752130	WT_5hasex	WT_veg	OK	36,147	35,4148	-0,0295243	0,0575788	0,954084	0,98293	no
AN1428	ChrVII_A_nidulans_FGSC_A4:753385-754678	WT_5hasex	WT_veg	OK	56,851	96,4224	0,762183	-1,52982	0,126061	0,338207	no
AN1430	ChrVII_A_nidulans_FGSC_A4:757763-759372	WT_5hasex	WT_veg	OK	59,6504	143,91	1,27056	-2,65881	0,00784163	0,0428977	yes
AN1431	ChrVII_A_nidulans_FGSC_A4:760581-761631	WT_5hasex	WT_veg	OK	14,6556	27,1792	0,891053	-1,5092	0,131248	0,347322	no
AN1432	ChrVII_A_nidulans_FGSC_A4:761819-763074	WT_5hasex	WT_veg	OK	10,6645	23,1219	1,11644	-1,75729	0,0788686	0,245332	no
AN1433	ChrVII_A_nidulans_FGSC_A4:764070-765796	WT_5hasex	WT_veg	OK	15,9851	17,742	0,150441	-0,2624	0,793013	0,915902	no
AN1434	ChrVII_A_nidulans_FGSC_A4:765967-768761	WT_5hasex	WT_veg	OK	10,3952	125,581	3,59462	-6,82758	8,6358E-12	4,1517E-10	yes
AN1435	ChrVII_A_nidulans_FGSC_A4:770263-772711	WT_5hasex	WT_veg	OK	15,3663	39,0615	1,34598	-2,59138	0,00955927	0,0502634	no
AN1436	ChrVII_A_nidulans_FGSC_A4:772965-775551	WT_5hasex	WT_veg	OK	24,4672	52,8743	1,11172	-2,28719	0,0221845	0,0962867	no
AN1437	ChrVII_A_nidulans_FGSC_A4:776928-780471	WT_5hasex	WT_veg	OK	22,5357	22,5121	-0,00150936	0,00306938	0,997551	0,999153	no
AN1438	ChrVII_A_nidulans_FGSC_A4:781905-783674	WT_5hasex	WT_veg	OK	31,4841	136,54	2,11663	-3,78262	0,00015519	0,0016002	yes
AN1439	ChrVII_A_nidulans_FGSC_A4:784457-785171	WT_5hasex	WT_veg	OK	46,9963	70,8908	0,593051	-1,10026	0,27122	0,54354	no
AN1441	ChrVII_A_nidulans_FGSC_A4:792879-795058	WT_5hasex	WT_veg	OK	1,71055	4,2166	1,30162	-1,60516	0,108458	0,3065	no
AN1442	ChrVII_A_nidulans_FGSC_A4:795804-797178	WT_5hasex	WT_veg	OK	109,506	220,769	1,01153	-2,09285	0,0363622	0,140569	no
AN1443	ChrVII_A_nidulans_FGSC_A4:797626-801781	WT_5hasex	WT_veg	OK	50,6107	27,9805	-0,855021	1,4947	0,134993	0,354032	no
AN1444	ChrVII_A_nidulans_FGSC_A4:803151-803919	WT_5hasex	WT_veg	OK	257,288	468,231	0,863838	-1,78135	0,0748554	0,236257	no
AN1445	ChrVII_A_nidulans_FGSC_A4:804050-805425	WT_5hasex	WT_veg	OK	18,8345	41,8202	1,15082	-2,07663	0,0378354	0,14473	no
AN1447	ChrVII_A_nidulans_FGSC_A4:807812-809223	WT_5hasex	WT_veg	OK	31,33	80,7011	1,36504	-2,48046	0,0131212	0,0645248	no
AN1448	ChrVII_A_nidulans_FGSC_A4:809435-811549	WT_5hasex	WT_veg	OK	19,8074	65,7294	1,7305	-3,47917	0,00050298	0,0043746	yes

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AN1449	ChrVII_A_nidulans_FGSC_A4:813163-814583	WT_5hasex	WT_veg	OK	420,332	613,867	0,546394	-1,03172	0,302203	0,578089	no
AN1450	ChrVII_A_nidulans_FGSC_A4:815409-816978	WT_5hasex	WT_veg	OK	414,158	414,951	0,0027576	-0,00490553	0,996086	0,998525	no
AN1451	ChrVII_A_nidulans_FGSC_A4:818014-819230	WT_5hasex	WT_veg	OK	87,2744	193,408	1,14801	-2,12185	0,0338503	0,13328	no
AN1452	ChrVII_A_nidulans_FGSC_A4:819518-821241	WT_5hasex	WT_veg	OK	16,822	91,3971	2,4418	-4,62141	3,8114E-06	6,0652E-05	yes
AN1453	ChrVII_A_nidulans_FGSC_A4:822478-824729	WT_5hasex	WT_veg	OK	15,2553	32,5086	1,09151	-2,08512	0,0370581	0,142558	no
AN1455	ChrVII_A_nidulans_FGSC_A4:830813-833417	WT_5hasex	WT_veg	OK	62,6804	63,894	0,0276656	-0,0562909	0,95511	0,983352	no
AN1456	ChrVII_A_nidulans_FGSC_A4:835254-837986	WT_5hasex	WT_veg	OK	28,5682	35,4699	0,312186	-0,634643	0,525661	0,766934	no
AN1457	ChrVII_A_nidulans_FGSC_A4:838586-840444	WT_5hasex	WT_veg	OK	15,4682	36,6002	1,24255	-2,13492	0,0327673	0,129869	no
AN1458	ChrVII_A_nidulans_FGSC_A4:842293-843726	WT_5hasex	WT_veg	OK	33,3327	33,5109	0,00769213	-0,0152836	0,987806	0,995529	no
AN1460	ChrVII_A_nidulans_FGSC_A4:846762-847992	WT_5hasex	WT_veg	OK	30,5734	57,3597	0,90776	-1,71749	0,0858896	0,260725	no
AN1461	ChrVII_A_nidulans_FGSC_A4:848517-850275	WT_5hasex	WT_veg	OK	25,388	22,8076	-0,154636	0,308501	0,757701	0,899896	no
AN1462	ChrVII_A_nidulans_FGSC_A4:851053-854763	WT_5hasex	WT_veg	OK	24,4191	51,2651	1,06997	-2,21363	0,0268545	0,111384	no
AN1463	ChrVII_A_nidulans_FGSC_A4:859259-860668	WT_5hasex	WT_veg	OK	13,9855	22,015	0,654557	-1,10136	0,270741	0,542948	no
AN1465	ChrVII_A_nidulans_FGSC_A4:866537-868682	WT_5hasex	WT_veg	OK	228,79	230,25	0,00917935	-0,0178558	0,985754	0,994752	no
AN1466	ChrVII_A_nidulans_FGSC_A4:869363-872009	WT_5hasex	WT_veg	OK	51,4269	103,786	1,01302	-2,1097	0,0348845	0,136267	no
AN1467	ChrVII_A_nidulans_FGSC_A4:873483-875185	WT_5hasex	WT_veg	OK	20,7011	251,018	3,60001	-7,02618	2,1228E-12	1,1216E-10	yes
AN1468	ChrVII_A_nidulans_FGSC_A4:875825-877581	WT_5hasex	WT_veg	OK	21,8062	112,267	2,36412	-4,6342	3,5832E-06	5,7509E-05	yes
AN1469	ChrVII_A_nidulans_FGSC_A4:877974-878814	WT_5hasex	WT_veg	OK	85,6008	298,41	1,8016	-3,72796	0,00019304	0,00193301	yes
AN1470	ChrVII_A_nidulans_FGSC_A4:880264-881871	WT_5hasex	WT_veg	OK	33,5762	13,7931	-1,2835	2,49636	0,0125476	0,0623242	no
AN1471	ChrVII_A_nidulans_FGSC_A4:883217-883786	WT_5hasex	WT_veg	OK	21,9287	45,7668	1,06148	-1,59642	0,110395	0,310016	no
AN1472	ChrVII_A_nidulans_FGSC_A4:885940-887128	WT_5hasex	WT_veg	OK	240,984	303,681	0,333623	-0,671437	0,501942	0,751079	no
AN1474	ChrVII_A_nidulans_FGSC_A4:890324-891557	WT_5hasex	WT_veg	OK	7,75106	47,0378	2,60136	-4,00572	6,1829E-05	0,00072159	yes
AN1477	ChrVII_A_nidulans_FGSC_A4:902082-903582	WT_5hasex	WT_veg	OK	1,69484	6,03547	1,83232	-2,16527	0,0303667	0,122453	no
AN1479	ChrVII_A_nidulans_FGSC_A4:915347-918379	WT_5hasex	WT_veg	OK	10,4075	11,2913	0,117588	-0,221186	0,824948	0,930161	no
AN1480	ChrVII_A_nidulans_FGSC_A4:918483-919251	WT_5hasex	WT_veg	OK	22,264	94,7046	2,08872	-3,4817	0,00049824	0,00434065	yes
AN1481	ChrVII_A_nidulans_FGSC_A4:920527-922465	WT_5hasex	WT_veg	OK	13,9668	22,7196	0,701937	-1,26665	0,205281	0,461799	no
AN1482	ChrVII_A_nidulans_FGSC_A4:923267-925594	WT_5hasex	WT_veg	OK	4,07438	9,8201	1,27032	-1,96487	0,049429	0,176177	no
AN1483	ChrVII_A_nidulans_FGSC_A4:925973-927166	WT_5hasex	WT_veg	OK	76,0356	146,7	0,948121	-1,93159	0,05341	0,185892	no
AN1485	ChrVII_A_nidulans_FGSC_A4:933146-934523	WT_5hasex	WT_veg	OK	114,843	141,691	0,30309	-0,62671	0,530849	0,7701	no
AN1486	ChrVII_A_nidulans_FGSC_A4:934787-936024	WT_5hasex	WT_veg	OK	15,0876	24,5151	0,700308	-1,20641	0,22766	0,490703	no
AN1488	ChrVII_A_nidulans_FGSC_A4:941882-944610	WT_5hasex	WT_veg	OK	44,5501	51,0157	0,195513	-0,406383	0,684462	0,861135	no
AN1489	ChrVII_A_nidulans_FGSC_A4:945020-946804	WT_5hasex	WT_veg	OK	11,1327	7,58616	-0,553358	0,91043	0,362596	0,637395	no
AN1490	ChrVII_A_nidulans_FGSC_A4:947188-948279	WT_5hasex	WT_veg	OK	245,261	570,077	1,21684	-2,36029	0,0182606	0,083038	no
AN1492	ChrVII_A_nidulans_FGSC_A4:955057-957205	WT_5hasex	WT_veg	NOTEST	0,876268	0,643893	-0,444551	0,243225	0,807831	1	no
AN1493	ChrVII_A_nidulans_FGSC_A4:955057-957205	WT_5hasex	WT_veg	OK	204,234	295,241	0,53167	-1,091	0,275272	0,548317	no
AN1494	ChrVII_A_nidulans_FGSC_A4:963845-967856	WT_5hasex	WT_veg	OK	19,518	28,3037	0,536187	-1,10987	0,267054	0,538657	no
AN1495	ChrVII_A_nidulans_FGSC_A4:968266-969118	WT_5hasex	WT_veg	OK	251,043	379,43	0,595899	-1,23645	0,21629	0,476417	no
AN1497	ChrVII_A_nidulans_FGSC_A4:975786-977357	WT_5hasex	WT_veg	NOTEST	1,06277	1,97575	0,894572	-0,905621	0,365136	1	no
AN1498	ChrVII_A_nidulans_FGSC_A4:977779-979285	WT_5hasex	WT_veg	OK	19,606	33,0084	0,751539	-1,38162	0,167087	0,406235	no
AN1499	ChrVII_A_nidulans_FGSC_A4:980233-981181	WT_5hasex	WT_veg	OK	0,321225	4,49301	3,80603	-2,35775	0,018386	0,0835178	no
AN1500	ChrVII_A_nidulans_FGSC_A4:981315-983757	WT_5hasex	WT_veg	OK	43,2033	333,869	2,95007	-6,12526	9,0538E-10	3,2385E-08	yes
AN15000	Contig-mt188_A_nidulans_FGSC_A4:0-1083	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1501	ChrVII_A_nidulans_FGSC_A4:988207-990128	WT_5hasex	WT_veg	NOTEST	0	1,11625	1.79769e+308	1.79769e+308	0,123323	1	no
AN1503	ChrVII_A_nidulans_FGSC_A4:997297-998479	WT_5hasex	WT_veg	OK	33,9888	19,9966	-0,765309	1,36875	0,171078	0,412631	no
AN1504	ChrVII_A_nidulans_FGSC_A4:1000202-1003074	WT_5hasex	WT_veg	OK	9,46125	16,3982	0,793434	-1,48462	0,137644	0,358579	no
AN1505	ChrVII_A_nidulans_FGSC_A4:1003416-1005142	WT_5hasex	WT_veg	OK	25,0266	42,9241	0,778326	-1,46991	0,141586	0,365057	no
AN1506	ChrVII_A_nidulans_FGSC_A4:1006399-1008187	WT_5hasex	WT_veg	OK	47,6404	19,2434	-1,30782	2,21208	0,0269614	0,111678	no
AN1507	ChrVII_A_nidulans_FGSC_A4:1008321-1009011	WT_5hasex	WT_veg	OK	10,3159	32,4767	1,65453	-2,48501	0,0129546	0,063908	no
AN1508	ChrVII_A_nidulans_FGSC_A4:1009249-1010447	WT_5hasex	WT_veg	OK	10,5504	20,4125	0,952158	-1,54838	0,121532	0,330488	no
AN1509	ChrVII_A_nidulans_FGSC_A4:1012769-1014056	WT_5hasex	WT_veg	OK	118,201	56,8636	-1,05566	2,133	0,0329244	0,13034	no
AN1510	ChrVII_A_nidulans_FGSC_A4:1015218-1017495	WT_5hasex	WT_veg	OK	403,621	254,423	-0,665773	1,16814	0,24275	0,509639	no
AN1514	ChrVII_A_nidulans_FGSC_A4:1025428-1027168	WT_5hasex	WT_veg	OK	15,4555	67,0238	2,11656	-3,84112	0,00012247	0,00131137	yes
AN1515	ChrVII_A_nidulans_FGSC_A4:1038947-1040193	WT_5hasex	WT_veg	OK	66,0641	92,7806	0,489956	-0,976203	0,328964	0,605471	no

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AN1517	ChrVII_A_nidulans_FGSC_A4:1045668-1047220	WT_5hasex	WT_veg	OK	16,5182	65,4776	1,98695	-3,66621	0,00024617	0,0023827	yes
AN1518	ChrVII_A_nidulans_FGSC_A4:1047403-1051430	WT_5hasex	WT_veg	OK	44,9385	174,88	1,96034	-4,03044	5,5672E-05	0,00065734	yes
AN1520	ChrVII_A_nidulans_FGSC_A4:1056691-1058706	WT_5hasex	WT_veg	OK	20,6	57,4056	1,47855	-2,92777	0,00341399	0,0218038	yes
AN1521	ChrVII_A_nidulans_FGSC_A4:1059686-1060663	WT_5hasex	WT_veg	OK	57,3424	91,588	0,675558	-1,3408	0,179986	0,426252	no
AN1522	ChrVII_A_nidulans_FGSC_A4:1061137-1061884	WT_5hasex	WT_veg	OK	127,135	180,367	0,504575	-1,03379	0,301236	0,576912	no
AN1523	ChrVII_A_nidulans_FGSC_A4:1062741-1065334	WT_5hasex	WT_veg	OK	823,445	1304,87	0,66416	-1,05742	0,290318	0,564981	no
AN1524	ChrVII_A_nidulans_FGSC_A4:1065761-1067258	WT_5hasex	WT_veg	OK	57,4116	195,598	1,76848	-3,46742	0,00052547	0,0045401	yes
AN1525	ChrVII_A_nidulans_FGSC_A4:1067398-1068212	WT_5hasex	WT_veg	OK	55,5544	60,084	0,113078	-0,208783	0,834618	0,934206	no
AN1526	ChrVII_A_nidulans_FGSC_A4:1068493-1069564	WT_5hasex	WT_veg	OK	33,1316	47,4451	0,51805	-0,953892	0,340138	0,615834	no
AN1527	ChrVII_A_nidulans_FGSC_A4:1069649-1070576	WT_5hasex	WT_veg	OK	94,0659	417,912	2,15146	-4,45032	8,5743E-06	0,00012544	yes
AN1528	ChrVII_A_nidulans_FGSC_A4:1070834-1074449	WT_5hasex	WT_veg	OK	15,2763	20,8818	0,450951	-0,901906	0,367107	0,64203	no
AN1529	ChrVII_A_nidulans_FGSC_A4:1074797-1076315	WT_5hasex	WT_veg	NOTEST	0,1243	1,06932	3,1048	-1,4251	0,154128	1	no
AN1530	ChrVII_A_nidulans_FGSC_A4:1077313-1078683	WT_5hasex	WT_veg	LOWDATA	6,28552	35,4348	2,49506	0	1	1	no
AN1531	ChrVII_A_nidulans_FGSC_A4:1077313-1078683	WT_5hasex	WT_veg	OK	7,37755	20,5543	1,47823	-2,15453	0,0311983	0,125126	no
AN1532	ChrVII_A_nidulans_FGSC_A4:1079638-1080560	WT_5hasex	WT_veg	NOTEST	0,267387	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN1533	ChrVII_A_nidulans_FGSC_A4:1081260-1084203	WT_5hasex	WT_veg	OK	9,45193	46,6972	2,30465	-3,98792	6,6656E-05	0,00077005	yes
AN1534	ChrVII_A_nidulans_FGSC_A4:1084403-1085443	WT_5hasex	WT_veg	OK	627,026	1045	0,7369	-1,40259	0,160738	0,396339	no
AN1535	ChrVII_A_nidulans_FGSC_A4:1086283-1087972	WT_5hasex	WT_veg	OK	16,0037	34,5889	1,1119	-1,96384	0,0495489	0,176474	no
AN1536	ChrVII_A_nidulans_FGSC_A4:1090494-1092933	WT_5hasex	WT_veg	OK	59,4003	102,505	0,787155	-1,46218	0,143693	0,368818	no
AN1537	ChrVII_A_nidulans_FGSC_A4:1097859-1099753	WT_5hasex	WT_veg	OK	24,8333	52,2699	1,0737	-2,1345	0,0328023	0,129974	no
AN1538	ChrVII_A_nidulans_FGSC_A4:1100109-1101380	WT_5hasex	WT_veg	OK	42,3845	157,039	1,88952	-3,80353	0,00014265	0,00149026	yes
AN1540	ChrVII_A_nidulans_FGSC_A4:1104009-1105040	WT_5hasex	WT_veg	OK	43,2562	44,1956	0,030996	-0,0597772	0,952333	0,982276	no
AN1541	ChrVII_A_nidulans_FGSC_A4:1107608-1109242	WT_5hasex	WT_veg	OK	23,7185	20,7241	-0,1947	0,372922	0,709207	0,874574	no
AN1543	ChrVII_A_nidulans_FGSC_A4:1115118-1117496	WT_5hasex	WT_veg	OK	907,174	743,41	-0,287221	0,366548	0,713957	0,877034	no
AN1544	ChrVII_A_nidulans_FGSC_A4:1117720-1118761	WT_5hasex	WT_veg	OK	33,1051	76,1696	1,20216	-2,33243	0,0196783	0,0880226	no
AN1545	ChrVII_A_nidulans_FGSC_A4:1119971-1122380	WT_5hasex	WT_veg	OK	109,394	226,091	1,04737	-2,07334	0,038141	0,145622	no
AN1546	ChrVII_A_nidulans_FGSC_A4:1123352-1128806	WT_5hasex	WT_veg	OK	30,0569	65,4016	1,12163	-2,30621	0,0210986	0,0928538	no
AN1548	ChrVII_A_nidulans_FGSC_A4:1132064-1132925	WT_5hasex	WT_veg	OK	27,1058	27,2741	0,0089296	-0,0153637	0,987742	0,995529	no
AN1549	ChrVII_A_nidulans_FGSC_A4:1133712-1134335	WT_5hasex	WT_veg	OK	2995,78	2161,12	-0,471154	0,741026	0,458678	0,71907	no
AN1550	ChrVII_A_nidulans_FGSC_A4:1135954-1138240	WT_5hasex	WT_veg	OK	15,724	19,4776	0,30885	-0,562924	0,573487	0,7971	no
AN1552	ChrVII_A_nidulans_FGSC_A4:1144656-1145750	WT_5hasex	WT_veg	OK	2,72989	1,8995	-0,52322	0,527776	0,597655	0,811755	no
AN1553	ChrVII_A_nidulans_FGSC_A4:1146752-1147229	WT_5hasex	WT_veg	OK	1,45167	7,27167	2,32457	-2,03646	0,0417046	0,155478	no
AN1554	ChrVII_A_nidulans_FGSC_A4:1148124-1150334	WT_5hasex	WT_veg	OK	35,2814	58,8872	0,739046	-1,52835	0,126426	0,338769	no
AN1557	ChrVII_A_nidulans_FGSC_A4:1164064-1165806	WT_5hasex	WT_veg	OK	5,40486	5,73478	0,0854804	-0,122934	0,902159	0,962301	no
AN1559	ChrVII_A_nidulans_FGSC_A4:1172337-1173741	WT_5hasex	WT_veg	OK	52,8767	113,593	1,10317	-2,13746	0,0325606	0,12927	no
AN1561	ChrVII_A_nidulans_FGSC_A4:1178205-1178930	WT_5hasex	WT_veg	OK	40,6188	133,12	1,71251	-3,12231	0,00179436	0,0127513	yes
AN1562	ChrVII_A_nidulans_FGSC_A4:1180691-1181615	WT_5hasex	WT_veg	OK	13,9028	20,5645	0,564783	-0,921138	0,356978	0,63217	no
AN1563	ChrVII_A_nidulans_FGSC_A4:1186320-1187620	WT_5hasex	WT_veg	OK	24,557	73,5525	1,58264	-2,67895	0,00738536	0,040871	yes
AN1564	ChrVII_A_nidulans_FGSC_A4:1187967-1190667	WT_5hasex	WT_veg	OK	2,26267	3,02992	0,421256	-0,583491	0,559563	0,788664	no
AN1565	ChrVII_A_nidulans_FGSC_A4:1190950-1192448	WT_5hasex	WT_veg	OK	10,5766	19,5361	0,885267	-1,48564	0,137373	0,358159	no
AN1566	ChrVII_A_nidulans_FGSC_A4:1192503-1193470	WT_5hasex	WT_veg	OK	11,9674	8,26261	-0,534443	0,778818	0,436087	0,701385	no
AN1567	ChrVII_A_nidulans_FGSC_A4:1195188-1195921	WT_5hasex	WT_veg	OK	7,94445	2,51376	-1,6601	1,50215	0,133059	0,350788	no
AN1568	ChrVII_A_nidulans_FGSC_A4:1197165-1199094	WT_5hasex	WT_veg	OK	2,67534	1,43981	-0,893838	1,0215	0,307018	0,583058	no
AN1569	ChrVII_A_nidulans_FGSC_A4:1200986-1203141	WT_5hasex	WT_veg	OK	3,1621	3,41603	0,111436	-0,157162	0,875117	0,952199	no
AN1572	ChrVII_A_nidulans_FGSC_A4:1213428-1214759	WT_5hasex	WT_veg	OK	17,0104	31,8672	0,905656	-1,56499	0,117586	0,32318	no
AN1573	ChrVII_A_nidulans_FGSC_A4:1214927-1216429	WT_5hasex	WT_veg	OK	22,0962	36,4982	0,724026	-1,3769	0,168542	0,408546	no
AN1574	ChrVII_A_nidulans_FGSC_A4:1218132-1218897	WT_5hasex	WT_veg	OK	24,1499	54,6501	1,17821	-2,00095	0,0453981	0,165642	no
AN1575	ChrVII_A_nidulans_FGSC_A4:1220048-1222762	WT_5hasex	WT_veg	NOTEST	1,10659	0	-1.79769e+308	-1.79769e+308	0,0534878	1	no
AN1576	ChrVII_A_nidulans_FGSC_A4:1225560-1226990	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1577	ChrVII_A_nidulans_FGSC_A4:1231209-1233194	WT_5hasex	WT_veg	NOTEST	0,271033	0,499545	0,882148	-0,489989	0,624142	1	no
AN1578	ChrVII_A_nidulans_FGSC_A4:1234012-1236860	WT_5hasex	WT_veg	OK	11,0451	31,8161	1,52634	-2,89777	0,00375823	0,0235882	yes
AN1579	ChrVII_A_nidulans_FGSC_A4:1239132-1240691	WT_5hasex	WT_veg	OK	1,06071	6,24402	2,55744	-2,88947	0,00385898	0,0240851	yes
AN1580	ChrVII_A_nidulans_FGSC_A4:1242795-1246333	WT_5hasex	WT_veg	NOTEST	2,04864	2,71919	0,408506	-0,504013	0,614253	1	no

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AN1581	ChrVII_A_nidulans_FGSC_A4:1248849-1250516	WT_5hasex	WT_veg	NOTEST	1,88079	1,03924	-0,855809	0,80175	0,422698	1	no
AN1582	ChrVII_A_nidulans_FGSC_A4:1251058-1252444	WT_5hasex	WT_veg	NOTEST	1,0184	1,77495	0,801468	-0,799332	0,424098	1	no
AN1583	ChrVII_A_nidulans_FGSC_A4:1252700-1254013	WT_5hasex	WT_veg	OK	6,58415	20,889	1,66567	-2,22055	0,0263817	0,109927	no
AN1584	ChrVII_A_nidulans_FGSC_A4:1254519-1256821	WT_5hasex	WT_veg	OK	13,7125	29,142	1,08761	-1,71214	0,0868708	0,262678	no
AN1585	ChrVII_A_nidulans_FGSC_A4:1257247-1258923	WT_5hasex	WT_veg	NOTEST	0,758264	2,71256	1,83888	-1,73964	0,081923	1	no
AN1586	ChrVII_A_nidulans_FGSC_A4:1259975-1262157	WT_5hasex	WT_veg	OK	3,37609	13,8852	2,04012	-2,66284	0,00774849	0,0424946	yes
AN1587	ChrVII_A_nidulans_FGSC_A4:1263054-1264809	WT_5hasex	WT_veg	OK	3,74517	4,99477	0,415387	-0,565089	0,572013	0,796259	no
AN1588	ChrVII_A_nidulans_FGSC_A4:1265062-1267718	WT_5hasex	WT_veg	OK	7,30522	8,45137	0,210256	-0,318128	0,750387	0,895993	no
AN1589	ChrVII_A_nidulans_FGSC_A4:1267857-1270442	WT_5hasex	WT_veg	OK	2,30328	2,01708	-0,191425	0,238951	0,811143	0,924335	no
AN1590	ChrVII_A_nidulans_FGSC_A4:1271963-1274067	WT_5hasex	WT_veg	NOTEST	0,115911	0,823011	2,82789	-1,36972	0,170775	1	no
AN1591	ChrVII_A_nidulans_FGSC_A4:1274968-1278249	WT_5hasex	WT_veg	NOTEST	0,436409	2,154	2,30326	-2,66099	0,00779103	1	no
AN1592	ChrVII_A_nidulans_FGSC_A4:1279630-1280998	WT_5hasex	WT_veg	NOTEST	0,147644	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1593	ChrVII_A_nidulans_FGSC_A4:1282755-1284065	WT_5hasex	WT_veg	OK	12,6888	2,71733	-2,2233	3,05001	0,00228837	0,0156064	yes
AN1594	ChrVII_A_nidulans_FGSC_A4:1284404-1287460	WT_5hasex	WT_veg	NOTEST	0,0806641	0,0611783	-0,398906	0,114813	0,908593	1	no
AN1595	ChrVII_A_nidulans_FGSC_A4:1288246-1289242	WT_5hasex	WT_veg	NOTEST	0	0,801018	1.79769e+308	1.79769e+308	0,134707	1	no
AN1596	ChrVII_A_nidulans_FGSC_A4:1289467-1290523	WT_5hasex	WT_veg	OK	37,3137	34,3164	-0,120805	0,233279	0,815545	0,926118	no
AN1597	ChrVII_A_nidulans_FGSC_A4:1290792-1291779	WT_5hasex	WT_veg	OK	14,0385	7,98024	-0,814882	1,23608	0,216429	0,476454	no
AN1599	ChrVII_A_nidulans_FGSC_A4:1296287-1298723	WT_5hasex	WT_veg	OK	2,73185	2,64928	-0,0442773	0,0606541	0,951635	0,982116	no
AN1600	ChrVII_A_nidulans_FGSC_A4:1299896-1300853	WT_5hasex	WT_veg	OK	6,39519	2,37083	-1,4316	1,61219	0,10692	0,303563	no
AN1602	ChrVII_A_nidulans_FGSC_A4:1318739-1319813	WT_5hasex	WT_veg	NOTEST	0,700581	0	-1.79769e+308	-1.79769e+308	0,0375932	1	no
AN1603	ChrVII_A_nidulans_FGSC_A4:1321978-1322451	WT_5hasex	WT_veg	OK	5,03471	14,4446	1,52055	-1,54892	0,121401	0,330253	no
AN1605	ChrVII_A_nidulans_FGSC_A4:1326428-1327778	WT_5hasex	WT_veg	OK	233,137	259,474	0,154412	-0,294481	0,768391	0,904979	no
AN1606	ChrVII_A_nidulans_FGSC_A4:1327896-1329402	WT_5hasex	WT_veg	OK	66,0024	147,997	1,16498	-2,36661	0,0179517	0,0820035	no
AN1607	ChrVII_A_nidulans_FGSC_A4:1330933-1334130	WT_5hasex	WT_veg	OK	51,4035	172,496	1,74662	-3,49128	0,00048071	0,00420749	yes
AN1608	ChrVII_A_nidulans_FGSC_A4:1339830-1340583	WT_5hasex	WT_veg	OK	2259,5	1564,93	-0,529903	0,748951	0,453886	0,715304	no
AN1609	ChrVII_A_nidulans_FGSC_A4:1340665-1343538	WT_5hasex	WT_veg	OK	6,39924	2,97871	-1,10321	1,59439	0,11085	0,310877	no
AN1610	ChrVII_A_nidulans_FGSC_A4:1346095-1347242	WT_5hasex	WT_veg	OK	22,9476	79,2664	1,78837	-3,27559	0,00105441	0,00820268	yes
AN1611	ChrVII_A_nidulans_FGSC_A4:1347343-1349233	WT_5hasex	WT_veg	OK	13,0649	16,805	0,363197	-0,633512	0,526399	0,767364	no
AN1612	ChrVII_A_nidulans_FGSC_A4:1350625-1352730	WT_5hasex	WT_veg	OK	59,3666	43,9724	-0,433055	0,787326	0,431091	0,697632	no
AN1613	ChrVII_A_nidulans_FGSC_A4:1353917-1355191	WT_5hasex	WT_veg	OK	15,8772	8,06257	-0,977643	1,46957	0,14168	0,365189	no
AN1614	ChrVII_A_nidulans_FGSC_A4:1355891-1357461	WT_5hasex	WT_veg	OK	80,7017	67,8401	-0,25046	0,431304	0,666248	0,850877	no
AN1615	ChrVII_A_nidulans_FGSC_A4:1360577-1363569	WT_5hasex	WT_veg	NOTEST	0,204619	0,169268	-0,273629	0,146891	0,883218	1	no
AN1616	ChrVII_A_nidulans_FGSC_A4:1366469-1368051	WT_5hasex	WT_veg	OK	2,67748	1,23436	-1,11712	1,05651	0,290737	0,565481	no
AN1617	ChrVII_A_nidulans_FGSC_A4:1368757-1369421	WT_5hasex	WT_veg	OK	0,463495	4,32197	3,22106	-1,90802	0,056389	0,193281	no
AN1618	ChrVII_A_nidulans_FGSC_A4:1370845-1371376	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1620	ChrVII_A_nidulans_FGSC_A4:1376901-1378193	WT_5hasex	WT_veg	OK	19,526	25,0402	0,358848	-0,636253	0,524612	0,766163	no
AN1621	ChrVII_A_nidulans_FGSC_A4:1379569-1380184	WT_5hasex	WT_veg	OK	39,7936	166,021	2,06076	-3,77874	0,00015762	0,0016221	yes
AN1622	ChrVII_A_nidulans_FGSC_A4:1380579-1382235	WT_5hasex	WT_veg	OK	7,88529	13,2116	0,744567	-1,16277	0,244922	0,512494	no
AN1623	ChrVII_A_nidulans_FGSC_A4:1383358-1385137	WT_5hasex	WT_veg	NOTEST	0,15125	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN1625	ChrVII_A_nidulans_FGSC_A4:1396317-1398642	WT_5hasex	WT_veg	OK	18,3481	125,859	2,77811	-5,46525	4,6224E-08	1,1584E-06	yes
AN1626	ChrVII_A_nidulans_FGSC_A4:1399750-1402103	WT_5hasex	WT_veg	NOTEST	0,10109	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1627	ChrVII_A_nidulans_FGSC_A4:1404640-1405403	WT_5hasex	WT_veg	NOTEST	0,363307	1,69387	2,22106	-1,14626	0,251686	1	no
AN1629	ChrVII_A_nidulans_FGSC_A4:1411275-1413553	WT_5hasex	WT_veg	OK	30,4644	28,3951	-0,101486	0,206862	0,836117	0,934861	no
AN1631	ChrVII_A_nidulans_FGSC_A4:1420038-1421866	WT_5hasex	WT_veg	OK	11,583	11,55	-0,00410957	0,00706552	0,994363	0,997868	no
AN1632	ChrVII_A_nidulans_FGSC_A4:1422819-1425774	WT_5hasex	WT_veg	OK	39,3778	57,4033	0,543751	-1,08428	0,278241	0,551535	no
AN1633	ChrVII_A_nidulans_FGSC_A4:1427817-1428512	WT_5hasex	WT_veg	OK	74,4407	176,89	1,24869	-2,41032	0,0159386	0,0749877	no
AN1634	ChrVII_A_nidulans_FGSC_A4:1429094-1431731	WT_5hasex	WT_veg	OK	21,1024	32,5952	0,627256	-1,2633	0,206481	0,463323	no
AN1635	ChrVII_A_nidulans_FGSC_A4:1432276-1434729	WT_5hasex	WT_veg	OK	11,5787	26,6472	1,20251	-2,16209	0,0306114	0,123227	no
AN1636	ChrVII_A_nidulans_FGSC_A4:1435020-1435709	WT_5hasex	WT_veg	OK	72,2845	162,075	1,1649	-2,28549	0,0222843	0,0966275	no
AN1638	ChrVII_A_nidulans_FGSC_A4:1439211-1442057	WT_5hasex	WT_veg	OK	96,4944	77,8311	-0,310097	0,628584	0,529621	0,769192	no
AN1639	ChrVII_A_nidulans_FGSC_A4:1442962-1444127	WT_5hasex	WT_veg	OK	86,5011	164,663	0,928725	-1,92489	0,0542437	0,187957	no
AN1640	ChrVII_A_nidulans_FGSC_A4:1445840-1448327	WT_5hasex	WT_veg	OK	4,26011	20,5987	2,27359	-3,32995	0,00086863	0,00697697	yes
AN1641	ChrVII_A_nidulans_FGSC_A4:1449454-1451690	WT_5hasex	WT_veg	NOTEST	0,401146	0	-1.79769e+308	-1.79769e+308	0,0540986	1	no

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AN1642	ChrVII_A_nidulans_FGSC_A4:1453629-1455435	WT_5hasex	WT_veg	NOTEST	0,111674	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1643	ChrVII_A_nidulans_FGSC_A4:1455949-1457661	WT_5hasex	WT_veg	NOTEST	0,705279	0,541377	-0,381561	0,256794	0,797338	1	no
AN1644	ChrVII_A_nidulans_FGSC_A4:1459370-1460524	WT_5hasex	WT_veg	NOTEST	1,62763	2,84884	0,807601	-0,809701	0,418112	1	no
AN1645	ChrVII_A_nidulans_FGSC_A4:1461624-1462838	WT_5hasex	WT_veg	NOTEST	0,619728	0,85723	0,468047	-0,301358	0,763142	1	no
AN1646	ChrVII_A_nidulans_FGSC_A4:1467425-1471573	WT_5hasex	WT_veg	OK	123,658	45,6939	-1,43628	2,82515	0,00472587	0,0284388	yes
AN1647	ChrVII_A_nidulans_FGSC_A4:1472952-1474294	WT_5hasex	WT_veg	OK	51,346	16,6154	-1,62773	3,1165	0,00183015	0,0129582	yes
AN1648	ChrVII_A_nidulans_FGSC_A4:1475573-1477303	WT_5hasex	WT_veg	NOTEST	0	0,147912	1.79769e+308	1.79769e+308	0,309884	1	no
AN1649	ChrVII_A_nidulans_FGSC_A4:1478184-1479491	WT_5hasex	WT_veg	OK	2,12977	7,29368	1,77595	-2,05807	0,0395838	0,149674	no
AN1650	ChrVII_A_nidulans_FGSC_A4:1480211-1481223	WT_5hasex	WT_veg	OK	1,39766	5,19969	1,89541	-1,87884	0,0602662	0,202922	no
AN1651	ChrVII_A_nidulans_FGSC_A4:1484278-1485145	WT_5hasex	WT_veg	OK	10,6302	16,3028	0,616946	-0,874748	0,381711	0,655838	no
AN1654	ChrVII_A_nidulans_FGSC_A4:1508033-1508943	WT_5hasex	WT_veg	OK	52,844	74,2566	0,490781	-0,969038	0,332526	0,608884	no
AN1656	ChrVII_A_nidulans_FGSC_A4:1520362-1521652	WT_5hasex	WT_veg	OK	28,9957	71,4084	1,30026	-2,28341	0,0224059	0,0970264	no
AN1658	ChrVII_A_nidulans_FGSC_A4:1526500-1527217	WT_5hasex	WT_veg	OK	8,09521	8,78416	0,117836	-0,154529	0,877192	0,953091	no
AN1659	ChrVII_A_nidulans_FGSC_A4:1528397-1530388	WT_5hasex	WT_veg	OK	191,674	291,094	0,602832	-0,93682	0,348851	0,624632	no
AN1660	ChrVII_A_nidulans_FGSC_A4:1531708-1537477	WT_5hasex	WT_veg	OK	6,34226	10,9613	0,789352	-1,53428	0,12496	0,33632	no
AN1661	ChrVII_A_nidulans_FGSC_A4:1538063-1539753	WT_5hasex	WT_veg	OK	25,9513	39,7385	0,614728	-1,19247	0,233078	0,497891	no
AN1662	ChrVII_A_nidulans_FGSC_A4:1541113-1541869	WT_5hasex	WT_veg	OK	107,795	638,328	2,56601	-5,29291	1,2038E-07	2,7475E-06	yes
AN1663	ChrVII_A_nidulans_FGSC_A4:1543130-1545302	WT_5hasex	WT_veg	OK	4,77395	7,99829	0,744507	-1,13707	0,255507	0,524836	no
AN1664	ChrVII_A_nidulans_FGSC_A4:1547611-1548619	WT_5hasex	WT_veg	OK	64,7035	123,557	0,933258	-1,88748	0,0590958	0,200087	no
AN1665	ChrVII_A_nidulans_FGSC_A4:1551347-1553475	WT_5hasex	WT_veg	OK	26,4997	44,9907	0,763651	-1,5156	0,129621	0,344599	no
AN1666	ChrVII_A_nidulans_FGSC_A4:1553756-1556325	WT_5hasex	WT_veg	OK	34,5578	306,509	3,14885	-6,26695	3,6819E-10	1,3991E-08	yes
AN1667	ChrVII_A_nidulans_FGSC_A4:1556578-1557527	WT_5hasex	WT_veg	OK	88,5929	310,056	1,80727	-3,685	0,0002287	0,00223673	yes
AN1668	ChrVII_A_nidulans_FGSC_A4:1557650-1558884	WT_5hasex	WT_veg	OK	20,9326	44,5787	1,09061	-2,00062	0,0454332	0,165717	no
AN1669	ChrVII_A_nidulans_FGSC_A4:1559119-1560987	WT_5hasex	WT_veg	OK	11,3252	55,2464	2,28634	-4,13908	3,4871E-05	0,00043736	yes
AN1670	ChrVII_A_nidulans_FGSC_A4:1563104-1565350	WT_5hasex	WT_veg	OK	53,082	23,2436	-1,19139	2,05584	0,0397982	0,150296	no
AN1671	ChrVII_A_nidulans_FGSC_A4:1565875-1567759	WT_5hasex	WT_veg	OK	42,1594	90,1511	1,09649	-2,27467	0,0229258	0,0987554	no
AN1672	ChrVII_A_nidulans_FGSC_A4:1567827-1568768	WT_5hasex	WT_veg	NOTEST	0,321225	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1673	ChrVII_A_nidulans_FGSC_A4:1570007-1571751	WT_5hasex	WT_veg	OK	28,7271	35,4069	0,301619	-0,587955	0,556562	0,786436	no
AN1674	ChrVII_A_nidulans_FGSC_A4:1572224-1576481	WT_5hasex	WT_veg	OK	10,5946	15,2212	0,522748	-1,053	0,292342	0,567087	no
AN1675	ChrVII_A_nidulans_FGSC_A4:1576930-1579085	WT_5hasex	WT_veg	OK	144,326	180,209	0,320339	-0,592571	0,553468	0,784136	no
AN1676	ChrVII_A_nidulans_FGSC_A4:1580096-1580997	WT_5hasex	WT_veg	OK	10,2186	30,4046	1,5731	-2,46657	0,0136414	0,066416	no
AN1677	ChrVII_A_nidulans_FGSC_A4:1585069-1586506	WT_5hasex	WT_veg	OK	165,321	857,87	2,37549	-4,62789	3,6942E-06	5,8947E-05	yes
AN1678	ChrVII_A_nidulans_FGSC_A4:1589267-1591542	WT_5hasex	WT_veg	OK	2,52594	3,37804	0,419364	-0,585727	0,558059	0,787489	no
AN1679	ChrVII_A_nidulans_FGSC_A4:1591939-1592958	WT_5hasex	WT_veg	OK	3,12295	4,46671	0,516305	-0,603546	0,546146	0,779643	no
AN1680	ChrVII_A_nidulans_FGSC_A4:1593566-1597363	WT_5hasex	WT_veg	OK	3,13009	4,49235	0,521267	-0,844754	0,398248	0,670819	no
AN1681	ChrVII_A_nidulans_FGSC_A4:1598097-1599920	WT_5hasex	WT_veg	NOTEST	1,54903	1,42869	-0,116669	0,119128	0,905174	1	no
AN1682	ChrVII_A_nidulans_FGSC_A4:1600070-1600901	WT_5hasex	WT_veg	OK	76,793	321,369	2,06518	-4,22957	2,3414E-05	0,00030658	yes
AN1683	ChrVII_A_nidulans_FGSC_A4:1601092-1602263	WT_5hasex	WT_veg	OK	50,7683	71,9753	0,503572	-0,992576	0,320917	0,597331	no
AN1684	ChrVII_A_nidulans_FGSC_A4:1603804-1606051	WT_5hasex	WT_veg	OK	4,06547	10,5727	1,37885	-2,20451	0,0274888	0,113369	no
AN1685	ChrVII_A_nidulans_FGSC_A4:1609405-1610851	WT_5hasex	WT_veg	OK	21,6869	29,4991	0,443849	-0,841244	0,400211	0,672425	no
AN1686	ChrVII_A_nidulans_FGSC_A4:1611753-1613148	WT_5hasex	WT_veg	OK	17,7355	20,8526	0,233586	-0,417685	0,676178	0,856016	no
AN1687	ChrVII_A_nidulans_FGSC_A4:1616321-1617460	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1688	ChrVII_A_nidulans_FGSC_A4:1618390-1619928	WT_5hasex	WT_veg	OK	18,862	24,0223	0,348888	-0,640972	0,521541	0,764469	no
AN1689	ChrVII_A_nidulans_FGSC_A4:1624023-1625632	WT_5hasex	WT_veg	OK	125,004	159,425	0,350904	-0,599286	0,548982	0,781464	no
AN1690	ChrVII_A_nidulans_FGSC_A4:1626220-1627587	WT_5hasex	WT_veg	OK	45,0666	65,6313	0,542325	-1,06109	0,288648	0,563278	no
AN1691	ChrVII_A_nidulans_FGSC_A4:1628541-1630606	WT_5hasex	WT_veg	OK	7,35956	9,61031	0,384964	-0,61447	0,538905	0,774794	no
AN1693	ChrVII_A_nidulans_FGSC_A4:1637136-1638680	WT_5hasex	WT_veg	OK	13,9408	33,1363	1,2491	-2,19969	0,0278286	0,114419	no
AN1694	ChrVII_A_nidulans_FGSC_A4:1640188-1641521	WT_5hasex	WT_veg	OK	30,1226	30,9741	0,040214	-0,0792481	0,936835	0,976373	no
AN1695	ChrVII_A_nidulans_FGSC_A4:1642224-1644223	WT_5hasex	WT_veg	OK	21,5176	22,7396	0,0796868	-0,155256	0,87662	0,952877	no
AN1696	ChrVII_A_nidulans_FGSC_A4:1644833-1646477	WT_5hasex	WT_veg	OK	23,004	24,2896	0,0784545	-0,150906	0,88005	0,954454	no
AN1697	ChrVII_A_nidulans_FGSC_A4:1647770-1650193	WT_5hasex	WT_veg	OK	12,0584	28,2036	1,22584	-2,33089	0,0197592	0,0883011	no
AN1698	ChrVII_A_nidulans_FGSC_A4:1650724-1654031	WT_5hasex	WT_veg	OK	20,4795	35,6527	0,799834	-1,6279	0,103546	0,296908	no
AN1699	ChrVII_A_nidulans_FGSC_A4:1654614-1656616	WT_5hasex	WT_veg	OK	47,3186	94,2655	0,994321	-2,06931	0,0385166	0,146693	no

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AN1700	ChrVII_A_nidulans_FGSC_A4:1657628-1661295	WT_5hasex	WT_veg	OK	70,6726	131,097	0,891412	-1,81507	0,0695135	0,224404	no
AN1701	ChrVII_A_nidulans_FGSC_A4:1661764-1663129	WT_5hasex	WT_veg	OK	19,2196	17,6498	-0,122927	0,228646	0,819144	0,927522	no
AN1702	ChrVII_A_nidulans_FGSC_A4:1663394-1665255	WT_5hasex	WT_veg	OK	7,01586	6,64272	-0,0788463	0,115501	0,908048	0,964792	no
AN1704	ChrVII_A_nidulans_FGSC_A4:1667393-1669168	WT_5hasex	WT_veg	OK	10,9402	8,43311	-0,375502	0,646504	0,517953	0,761981	no
AN1705	ChrVII_A_nidulans_FGSC_A4:1669227-1671753	WT_5hasex	WT_veg	OK	7,58304	20,2537	1,41733	-2,41228	0,0158532	0,0746665	no
AN1706	ChrVII_A_nidulans_FGSC_A4:1673854-1675138	WT_5hasex	WT_veg	OK	15,6698	22,5859	0,527438	-0,906885	0,364468	0,639392	no
AN1707	ChrVII_A_nidulans_FGSC_A4:1676698-1677560	WT_5hasex	WT_veg	OK	1,60709	6,44347	2,00339	-2,18001	0,0292569	0,118976	no
AN1709	ChrVII_A_nidulans_FGSC_A4:1682441-1684209	WT_5hasex	WT_veg	OK	40,415	129,99	1,68544	-3,38961	0,00069991	0,00579503	yes
AN1710	ChrVII_A_nidulans_FGSC_A4:1685462-1687643	WT_5hasex	WT_veg	OK	29,4517	30,2808	0,0400518	-0,080204	0,936075	0,976027	no
AN1711	ChrVII_A_nidulans_FGSC_A4:1688017-1689649	WT_5hasex	WT_veg	OK	59,5851	221,003	1,89104	-3,86898	0,00010929	0,00118645	yes
AN1712	ChrVII_A_nidulans_FGSC_A4:1689905-1691021	WT_5hasex	WT_veg	OK	5,30843	10,7947	1,02396	-1,42278	0,1548	0,386905	no
AN1713	ChrVII_A_nidulans_FGSC_A4:1691775-1694483	WT_5hasex	WT_veg	OK	13,6353	28,5713	1,06722	-2,03138	0,0422163	0,156906	no
AN1714	ChrVII_A_nidulans_FGSC_A4:1695241-1696003	WT_5hasex	WT_veg	OK	30,9785	84,7107	1,45128	-2,63566	0,00839733	0,0452946	yes
AN1715	ChrVII_A_nidulans_FGSC_A4:1696198-1697881	WT_5hasex	WT_veg	OK	36,8569	80,1433	1,12065	-2,21637	0,0266664	0,110785	no
AN1716	ChrVII_A_nidulans_FGSC_A4:1698415-1699531	WT_5hasex	WT_veg	OK	23,4535	48,968	1,06203	-1,93371	0,053149	0,185272	no
AN1717	ChrVII_A_nidulans_FGSC_A4:1701261-1702466	WT_5hasex	WT_veg	OK	8,74758	4,8808	-0,841768	1,15626	0,247573	0,515817	no
AN1718	ChrVII_A_nidulans_FGSC_A4:1707417-1708146	WT_5hasex	WT_veg	OK	45,8571	68,7036	0,583243	-1,10583	0,268799	0,540623	no
AN1719	ChrVII_A_nidulans_FGSC_A4:1709342-1710585	WT_5hasex	WT_veg	OK	61,124	73,9286	0,274395	-0,559604	0,57575	0,798629	no
AN1720	ChrVII_A_nidulans_FGSC_A4:1711346-1712202	WT_5hasex	WT_veg	OK	28,235	45,6678	0,69369	-1,25033	0,21118	0,469732	no
AN1721	ChrVII_A_nidulans_FGSC_A4:1712314-1713375	WT_5hasex	WT_veg	OK	47,7119	61,3969	0,363818	-0,723843	0,469162	0,727433	no
AN1722	ChrVII_A_nidulans_FGSC_A4:1713573-1715094	WT_5hasex	WT_veg	OK	41,2533	52,885	0,358348	-0,705234	0,480665	0,735496	no
AN1723	ChrVII_A_nidulans_FGSC_A4:1715615-1716066	WT_5hasex	WT_veg	OK	1148,51	812,672	-0,499025	0,694504	0,487366	0,740904	no
AN1724	ChrVII_A_nidulans_FGSC_A4:1716985-1718939	WT_5hasex	WT_veg	OK	9,96581	11,1772	0,165505	-0,258932	0,795687	0,917098	no
AN1725	ChrVII_A_nidulans_FGSC_A4:1720001-1721507	WT_5hasex	WT_veg	OK	12,61	9,0221	-0,483037	0,759464	0,447575	0,710602	no
AN1726	ChrVII_A_nidulans_FGSC_A4:1721853-1723636	WT_5hasex	WT_veg	OK	28,6082	59,4328	1,05483	-1,90093	0,0573113	0,195497	no
AN1734	ChrVII_A_nidulans_FGSC_A4:1745931-1747038	WT_5hasex	WT_veg	OK	13,945	25,5875	0,875689	-1,3405	0,180082	0,42638	no
AN1736	ChrVII_A_nidulans_FGSC_A4:1752175-1754179	WT_5hasex	WT_veg	OK	4,36424	14,974	1,77865	-2,78375	0,00537352	0,0314864	yes
AN1738	ChrVII_A_nidulans_FGSC_A4:1757754-1758897	WT_5hasex	WT_veg	OK	2,38213	0,192863	-3,62661	1,20344	0,228806	0,491894	no
AN1739	ChrVII_A_nidulans_FGSC_A4:1761642-1762498	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1740	ChrVII_A_nidulans_FGSC_A4:1762645-1764700	WT_5hasex	WT_veg	NOTEST	0,455354	1,52561	1,74433	-1,19737	0,231162	1	no
AN1741	ChrVII_A_nidulans_FGSC_A4:1764971-1766085	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1743	ChrVII_A_nidulans_FGSC_A4:1770956-1772048	WT_5hasex	WT_veg	OK	142,441	147,298	0,0483694	-0,0954118	0,923988	0,971362	no
AN1744	ChrVII_A_nidulans_FGSC_A4:1772472-1773976	WT_5hasex	WT_veg	OK	7,64447	22,3256	1,54621	-2,47472	0,0133341	0,0653633	no
AN1745	ChrVII_A_nidulans_FGSC_A4:1774497-1776118	WT_5hasex	WT_veg	OK	39,3856	110,39	1,48687	-3,06094	0,00220643	0,0151674	yes
AN1747	ChrVII_A_nidulans_FGSC_A4:1784748-1785622	WT_5hasex	WT_veg	OK	32,3355	210,555	2,703	-4,68581	2,7885E-06	4,6038E-05	yes
AN1749	ChrVII_A_nidulans_FGSC_A4:1788319-1792210	WT_5hasex	WT_veg	OK	9,85302	14,1519	0,522354	-0,896925	0,369759	0,64439	no
AN1750	ChrVII_A_nidulans_FGSC_A4:1793014-1795427	WT_5hasex	WT_veg	OK	9,07116	38,4988	2,08545	-3,71983	0,00019936	0,00198692	yes
AN1751	ChrVII_A_nidulans_FGSC_A4:1795658-1796996	WT_5hasex	WT_veg	OK	15,9518	29,5838	0,89109	-1,59385	0,110969	0,311085	no
AN1752	ChrVII_A_nidulans_FGSC_A4:1797337-1800475	WT_5hasex	WT_veg	OK	34,5672	36,9206	0,0950198	-0,198697	0,8425	0,937733	no
AN1753	ChrVII_A_nidulans_FGSC_A4:1800898-1802584	WT_5hasex	WT_veg	OK	119,421	326,116	1,44932	-2,82211	0,0047709	0,0286702	yes
AN1754	ChrVII_A_nidulans_FGSC_A4:1800898-1802584	WT_5hasex	WT_veg	OK	257,759	1872,18	2,86063	-5,2574	1,4611E-07	3,2803E-06	yes
AN1755	ChrVII_A_nidulans_FGSC_A4:1803407-1804107	WT_5hasex	WT_veg	OK	11,7749	24,852	1,07765	-1,35036	0,176902	0,421766	no
AN1756	ChrVII_A_nidulans_FGSC_A4:1806184-1806520	WT_5hasex	WT_veg	OK	75,6041	353,371	2,22465	-3,49192	0,00047957	0,00420239	yes
AN1758	ChrVII_A_nidulans_FGSC_A4:1809162-1810909	WT_5hasex	WT_veg	OK	13,6689	11,3878	-0,263409	0,474509	0,635137	0,833203	no
AN1759	ChrVII_A_nidulans_FGSC_A4:1811360-1812303	WT_5hasex	WT_veg	OK	24,8847	79,9071	1,68306	-3,11746	0,00182415	0,0129174	yes
AN1760	ChrVII_A_nidulans_FGSC_A4:1813021-1813746	WT_5hasex	WT_veg	OK	37,3436	87,983	1,23637	-2,13595	0,0326835	0,129631	no
AN1761	ChrVII_A_nidulans_FGSC_A4:1814695-1816428	WT_5hasex	WT_veg	OK	615,288	1748,07	1,50643	-2,71864	0,00655518	0,0371839	yes
AN1762	ChrVII_A_nidulans_FGSC_A4:1816825-1817608	WT_5hasex	WT_veg	OK	85,3572	118,626	0,474838	-0,955003	0,339576	0,615534	no
AN1763	ChrVII_A_nidulans_FGSC_A4:1819011-1820063	WT_5hasex	WT_veg	OK	122,995	238,623	0,956131	-1,87982	0,0601331	0,202619	no
AN1764	ChrVII_A_nidulans_FGSC_A4:1821289-1822355	WT_5hasex	WT_veg	OK	8,29563	36,7844	2,14867	-3,24248	0,00118494	0,00903398	yes
AN1765	ChrVII_A_nidulans_FGSC_A4:1822772-1823595	WT_5hasex	WT_veg	OK	25,1855	56,9291	1,17657	-1,94313	0,0520002	0,182403	no
AN1766	ChrVII_A_nidulans_FGSC_A4:1825100-1826782	WT_5hasex	WT_veg	OK	15,673	17,0825	0,124234	-0,220124	0,825774	0,930566	no
AN1767	ChrVII_A_nidulans_FGSC_A4:1828079-1829906	WT_5hasex	WT_veg	OK	139,743	83,5383	-0,742264	1,48002	0,138868	0,360566	no

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AN1769	ChrVII_A_nidulans_FGSC_A4:1833750-1836063	WT_5hasex	WT_veg	OK	157,972	344,595	1,12523	-2,29782	0,0215722	0,0943593	no
AN1770	ChrVII_A_nidulans_FGSC_A4:1833750-1836063	WT_5hasex	WT_veg	OK	86,8252	175,438	1,01477	-2,09039	0,0365827	0,141185	no
AN1771	ChrVII_A_nidulans_FGSC_A4:1836277-1839340	WT_5hasex	WT_veg	NOTEST	1,07878	1,4503	0,426956	-0,385176	0,700107	1	no
AN1772	ChrVII_A_nidulans_FGSC_A4:1839563-1841201	WT_5hasex	WT_veg	OK	5,68746	8,30676	0,5465	-0,842483	0,399517	0,67185	no
AN1773	ChrVII_A_nidulans_FGSC_A4:1841626-1842854	WT_5hasex	WT_veg	OK	18,6895	26,3584	0,496032	-0,902839	0,366611	0,641426	no
AN1774	ChrVII_A_nidulans_FGSC_A4:1843055-1843586	WT_5hasex	WT_veg	OK	2,07285	1,2571	-0,721519	0,465193	0,641793	0,837078	no
AN1775	ChrVII_A_nidulans_FGSC_A4:1846096-1847961	WT_5hasex	WT_veg	OK	25,156	15,6917	-0,680902	1,33683	0,181279	0,42811	no
AN1776	ChrVII_A_nidulans_FGSC_A4:1849682-1850655	WT_5hasex	WT_veg	OK	68,599	163,416	1,25229	-2,55185	0,0107154	0,0550026	no
AN1777	ChrVII_A_nidulans_FGSC_A4:1851264-1854102	WT_5hasex	WT_veg	OK	12,777	18,9844	0,571269	-1,10444	0,269404	0,541263	no
AN1780	ChrVII_A_nidulans_FGSC_A4:1860103-1862122	WT_5hasex	WT_veg	OK	35,5288	47,9796	0,433431	-0,873928	0,382157	0,656218	no
AN1781	ChrVII_A_nidulans_FGSC_A4:1862641-1863493	WT_5hasex	WT_veg	OK	68,5862	108,843	0,666254	-1,23078	0,218405	0,479085	no
AN1782	ChrVII_A_nidulans_FGSC_A4:1864061-1865083	WT_5hasex	WT_veg	OK	9,63005	25,6156	1,4114	-2,07593	0,0379004	0,144925	no
AN1784	ChrVII_A_nidulans_FGSC_A4:1869035-1876894	WT_5hasex	WT_veg	NOTEST	0,0890433	0,0488626	-0,865778	0,505019	0,613546	1	no
AN1785	ChrVII_A_nidulans_FGSC_A4:1877686-1878802	WT_5hasex	WT_veg	NOTEST	0,409077	0	-1.79769e+308	-1.79769e+308	0,122325	1	no
AN1786	ChrVII_A_nidulans_FGSC_A4:1878928-1880524	WT_5hasex	WT_veg	NOTEST	0,883401	0	-1.79769e+308	-1.79769e+308	0,0308491	1	no
AN1787	ChrVII_A_nidulans_FGSC_A4:1880795-1882413	WT_5hasex	WT_veg	NOTEST	0,870154	0	-1.79769e+308	-1.79769e+308	0,037342	1	no
AN1788	ChrVII_A_nidulans_FGSC_A4:1887870-1889172	WT_5hasex	WT_veg	OK	7,01239	4,66261	-0,588766	0,738361	0,460295	0,720367	no
AN1789	ChrVII_A_nidulans_FGSC_A4:1889611-1891276	WT_5hasex	WT_veg	NOTEST	2,03334	0,505403	-2,00835	1,41981	0,155663	1	no
AN1790	ChrVII_A_nidulans_FGSC_A4:1894600-1896808	WT_5hasex	WT_veg	NOTEST	0,0835734	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN1791	ChrVII_A_nidulans_FGSC_A4:1898837-1902156	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1792	ChrVII_A_nidulans_FGSC_A4:1903842-1905216	WT_5hasex	WT_veg	OK	15,954	32,9134	1,04475	-1,66873	0,0951719	0,279598	no
AN1793	ChrVII_A_nidulans_FGSC_A4:1905563-1906594	WT_5hasex	WT_veg	OK	20,3991	19,6151	-0,0565469	0,0968318	0,92286	0,970809	no
AN1795	ChrVII_A_nidulans_FGSC_A4:1910728-1912771	WT_5hasex	WT_veg	OK	91,9809	457,059	2,31298	-4,52153	6,1394E-06	9,3036E-05	yes
AN1796	ChrVII_A_nidulans_FGSC_A4:1913292-1915956	WT_5hasex	WT_veg	OK	9,80103	20,6104	1,07237	-1,91135	0,0559591	0,192211	no
AN1797	ChrVII_A_nidulans_FGSC_A4:1916878-1918939	WT_5hasex	WT_veg	OK	20,5942	76,2901	1,88926	-3,66959	0,00024294	0,00235486	yes
AN1798	ChrVII_A_nidulans_FGSC_A4:1922175-1924359	WT_5hasex	WT_veg	OK	57,5373	114,2	0,988996	-2,05958	0,0394389	0,149348	no
AN1799	ChrVII_A_nidulans_FGSC_A4:1926400-1927753	WT_5hasex	WT_veg	OK	18,7826	35,5819	0,921743	-1,66843	0,0952297	0,279721	no
AN1801	ChrVII_A_nidulans_FGSC_A4:1932408-1933321	WT_5hasex	WT_veg	OK	167,577	819,709	2,29029	-4,24566	2,1795E-05	0,00028749	yes
AN1802	ChrVII_A_nidulans_FGSC_A4:1935397-1936558	WT_5hasex	WT_veg	OK	173,063	196,784	0,185318	-0,38337	0,701445	0,870193	no
AN1803	ChrVII_A_nidulans_FGSC_A4:1939409-1939934	WT_5hasex	WT_veg	OK	21,2006	0	-1.79769e+308	-1.79769e+308	0,00687768	0,0385872	yes
AN1806	ChrVII_A_nidulans_FGSC_A4:1949835-1952437	WT_5hasex	WT_veg	OK	3,4719	7,76234	1,16077	-1,68178	0,0926108	0,274475	no
AN1807	ChrVII_A_nidulans_FGSC_A4:1952821-1953873	WT_5hasex	WT_veg	NOTEST	1,13831	1,86727	0,71403	-0,662156	0,507872	1	no
AN1808	ChrVII_A_nidulans_FGSC_A4:1954690-1956787	WT_5hasex	WT_veg	NOTEST	1,10473	1,86007	0,751657	-0,82521	0,409252	1	no
AN1809	ChrVII_A_nidulans_FGSC_A4:1956827-1958505	WT_5hasex	WT_veg	OK	15,7368	38,3433	1,28483	-2,12589	0,0335128	0,132206	no
AN1811	ChrVII_A_nidulans_FGSC_A4:1961000-1963374	WT_5hasex	WT_veg	OK	23,3582	48,5533	1,05564	-2,05852	0,03954	0,149558	no
AN1813	ChrVII_A_nidulans_FGSC_A4:1967259-1968003	WT_5hasex	WT_veg	OK	23,6617	4,20543	-2,49223	2,98286	0,00285565	0,0187474	yes
AN1814	ChrVII_A_nidulans_FGSC_A4:1975382-1976029	WT_5hasex	WT_veg	OK	39,5208	32,2743	-0,292227	0,439301	0,660443	0,847373	no
AN1815	ChrVII_A_nidulans_FGSC_A4:1977515-1978751	WT_5hasex	WT_veg	OK	2,00569	2,79007	0,476203	-0,534544	0,592965	0,808752	no
AN1817	ChrVII_A_nidulans_FGSC_A4:1984335-1985145	WT_5hasex	WT_veg	OK	249,377	453,539	0,862896	-1,5939	0,110957	0,31108	no
AN1819	ChrVII_A_nidulans_FGSC_A4:1988317-1989247	WT_5hasex	WT_veg	OK	1,38784	9,77747	2,81662	-3,34546	0,00082146	0,0066419	yes
AN1821	ChrVII_A_nidulans_FGSC_A4:1993606-1994967	WT_5hasex	WT_veg	OK	3,91112	8,89387	1,18523	-1,68084	0,0927948	0,274847	no
AN1822	ChrVII_A_nidulans_FGSC_A4:1995308-1996237	WT_5hasex	WT_veg	OK	4,60555	26,0559	2,50016	-3,23328	0,00122377	0,00927012	yes
AN1823	ChrVII_A_nidulans_FGSC_A4:1997774-1999297	WT_5hasex	WT_veg	OK	27,9579	74,6184	1,41628	-2,25491	0,0241388	0,102622	no
AN1824	ChrVII_A_nidulans_FGSC_A4:1999879-2001777	WT_5hasex	WT_veg	NOTEST	1,32544	3,61245	1,4465	-1,78874	0,0736563	1	no
AN1825	ChrVII_A_nidulans_FGSC_A4:2001917-2003538	WT_5hasex	WT_veg	OK	19,3119	6,15671	-1,64926	2,61723	0,00886463	0,0473954	yes
AN1826	ChrVII_A_nidulans_FGSC_A4:2004470-2005496	WT_5hasex	WT_veg	OK	43,0102	3,42085	-3,65225	4,77649	1,7838E-06	3,0951E-05	yes
AN1827	ChrVII_A_nidulans_FGSC_A4:2005502-2008441	WT_5hasex	WT_veg	OK	11,4859	16,0468	0,482418	-0,887126	0,375011	0,649714	no
AN1828	ChrVII_A_nidulans_FGSC_A4:2009445-2010078	WT_5hasex	WT_veg	NOTEST	0,630731	2,74132	2,11977	-1,49792	0,134153	1	no
AN1829	ChrVII_A_nidulans_FGSC_A4:2011042-2013451	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1830	ChrVII_A_nidulans_FGSC_A4:2013773-2015839	WT_5hasex	WT_veg	NOTEST	0,443944	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN1831	ChrVII_A_nidulans_FGSC_A4:2016787-2018925	WT_5hasex	WT_veg	NOTEST	0,276161	0,536896	0,959131	-0,336763	0,736295	1	no
AN1833	ChrVII_A_nidulans_FGSC_A4:2019502-2021018	WT_5hasex	WT_veg	NOTEST	1,07254	1,57906	0,558045	-0,550339	0,582087	1	no
AN1835	ChrVII_A_nidulans_FGSC_A4:2025358-2026910	WT_5hasex	WT_veg	NOTEST	0,179813	0	-1.79769e+308	-1.79769e+308	0,224063	1	no

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AN1837	ChrVII_A_nidulans_FGSC_A4:2029773-2030464	WT_5hasex	WT_veg	OK	16,2417	0	-1.79769e+308	-1.79769e+308	0,0230544	0,0991545	no
AN1838	ChrVII_A_nidulans_FGSC_A4:2031553-2031976	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1839	ChrVII_A_nidulans_FGSC_A4:2032840-2033833	WT_5hasex	WT_veg	OK	2,49298	13,3265	2,41835	-2,93651	0,00331929	0,0212924	yes
AN1840	ChrVII_A_nidulans_FGSC_A4:2036499-2037931	WT_5hasex	WT_veg	NOTEST	0,685805	3,21305	2,22807	-2,24859	0,0245385	1	no
AN1841	ChrVII_A_nidulans_FGSC_A4:2038264-2039284	WT_5hasex	WT_veg	OK	97,8057	172,491	0,818529	-1,52837	0,126421	0,338769	no
AN1842	ChrVII_A_nidulans_FGSC_A4:2039911-2040706	WT_5hasex	WT_veg	OK	27,5336	84,6541	1,62039	-2,88827	0,00387362	0,0241621	yes
AN1843	ChrVII_A_nidulans_FGSC_A4:2041851-2042579	WT_5hasex	WT_veg	OK	28,4551	50,1293	0,816968	-1,40626	0,159647	0,394938	no
AN1846	ChrVII_A_nidulans_FGSC_A4:2047308-2049145	WT_5hasex	WT_veg	OK	60,8306	119,659	0,976063	-2,03294	0,0420588	0,156443	no
AN1847	ChrVII_A_nidulans_FGSC_A4:2052484-2053663	WT_5hasex	WT_veg	OK	285,123	583,071	1,03209	-2,04863	0,0404987	0,152174	no
AN1849	ChrVII_A_nidulans_FGSC_A4:2063500-2064472	WT_5hasex	WT_veg	OK	110,863	295,094	1,4124	-2,45781	0,0139788	0,0677195	no
AN1850	ChrVII_A_nidulans_FGSC_A4:2064765-2066401	WT_5hasex	WT_veg	OK	111,442	165,076	0,566834	-1,14511	0,252162	0,521006	no
AN1851	ChrVII_A_nidulans_FGSC_A4:2066680-2068625	WT_5hasex	WT_veg	OK	70,5802	85,4752	0,276242	-0,571519	0,567648	0,793812	no
AN1852	ChrVII_A_nidulans_FGSC_A4:2068946-2069852	WT_5hasex	WT_veg	OK	4,01419	3,93408	-0,029084	0,0316411	0,974758	0,991161	no
AN1853	ChrVII_A_nidulans_FGSC_A4:2070221-2071147	WT_5hasex	WT_veg	OK	3,72341	1,94964	-0,933416	0,867055	0,385912	0,659667	no
AN1854	ChrVII_A_nidulans_FGSC_A4:2071765-2072858	WT_5hasex	WT_veg	OK	48,2159	129,534	1,42575	-2,82176	0,0047761	0,0286917	yes
AN1855	ChrVII_A_nidulans_FGSC_A4:2076914-2078583	WT_5hasex	WT_veg	OK	85,7349	103,246	0,268135	-0,537493	0,590927	0,807452	no
AN1856	ChrVII_A_nidulans_FGSC_A4:2079059-2081525	WT_5hasex	WT_veg	OK	6,93125	22,9083	1,72468	-3,00337	0,00267012	0,0177383	yes
AN1857	ChrVII_A_nidulans_FGSC_A4:2082845-2084668	WT_5hasex	WT_veg	OK	16,0507	39,0261	1,2818	-2,38337	0,0171548	0,079293	no
AN1858	ChrVII_A_nidulans_FGSC_A4:2085371-2086793	WT_5hasex	WT_veg	OK	1,82123	1,39644	-0,383161	0,365257	0,71492	0,877646	no
AN1859	ChrVII_A_nidulans_FGSC_A4:2086859-2088307	WT_5hasex	WT_veg	OK	52,1311	199,322	1,93489	-4,03872	5,3744E-05	0,0006376	yes
AN1860	ChrVII_A_nidulans_FGSC_A4:2088525-2089710	WT_5hasex	WT_veg	OK	224,498	222,615	-0,0121507	0,0237155	0,98108	0,993402	no
AN1861	ChrVII_A_nidulans_FGSC_A4:2089739-2090735	WT_5hasex	WT_veg	OK	43,8346	98,8376	1,17299	-2,32878	0,0198705	0,0887149	no
AN1862	ChrVII_A_nidulans_FGSC_A4:2091055-2093101	WT_5hasex	WT_veg	OK	29,9102	53,2223	0,831392	-1,61512	0,106284	0,302327	no
AN1864	ChrVII_A_nidulans_FGSC_A4:2095059-2096650	WT_5hasex	WT_veg	OK	38,3541	27,5898	-0,475249	0,954807	0,339675	0,615537	no
AN1865	ChrVII_A_nidulans_FGSC_A4:2098108-2099683	WT_5hasex	WT_veg	OK	4,0932	7,16743	0,808227	-1,14692	0,251413	0,520118	no
AN1866	ChrVII_A_nidulans_FGSC_A4:2100349-2101768	WT_5hasex	WT_veg	OK	10,2346	3,75864	-1,44517	1,88475	0,059463	0,201064	no
AN1868	ChrVII_A_nidulans_FGSC_A4:2104053-2105641	WT_5hasex	WT_veg	OK	6,94509	16,1948	1,22147	-1,80231	0,0714966	0,228896	no
AN1869	ChrVII_A_nidulans_FGSC_A4:2105828-2106839	WT_5hasex	WT_veg	OK	3,24956	3,64561	0,165915	-0,187824	0,851014	0,941399	no
AN1870	ChrVII_A_nidulans_FGSC_A4:2108305-2109591	WT_5hasex	WT_veg	OK	34,2651	49,2645	0,523809	-0,86038	0,38958	0,662967	no
AN1871	ChrVII_A_nidulans_FGSC_A4:2109653-2111491	WT_5hasex	WT_veg	OK	15,925	48,503	1,60678	-2,91074	0,00360575	0,0228006	yes
AN1872	ChrVII_A_nidulans_FGSC_A4:2113234-2114429	WT_5hasex	WT_veg	OK	7,17506	11,2927	0,654329	-0,971264	0,331417	0,607766	no
AN1873	ChrVII_A_nidulans_FGSC_A4:2115111-2117101	WT_5hasex	WT_veg	OK	105,926	290,362	1,4548	-2,99692	0,00272726	0,0180424	yes
AN1875	ChrVII_A_nidulans_FGSC_A4:2123689-2125123	WT_5hasex	WT_veg	OK	43,1182	154,167	1,83813	-3,76952	0,00016356	0,00167628	yes
AN1876	ChrVII_A_nidulans_FGSC_A4:2125575-2128111	WT_5hasex	WT_veg	OK	41,7672	94,5798	1,17916	-2,45496	0,0140902	0,0681391	no
AN1877	ChrVII_A_nidulans_FGSC_A4:2129967-2131946	WT_5hasex	WT_veg	OK	4,83177	3,17337	-0,606535	0,850953	0,394795	0,667788	no
AN1879	ChrVII_A_nidulans_FGSC_A4:2139125-2142347	WT_5hasex	WT_veg	OK	80,9062	51,8322	-0,642401	1,30002	0,193594	0,445434	no
AN1880	ChrVII_A_nidulans_FGSC_A4:2144412-2146171	WT_5hasex	WT_veg	OK	66,0795	105,133	0,669945	-1,38478	0,166118	0,404768	no
AN1881	ChrVII_A_nidulans_FGSC_A4:2149464-2150822	WT_5hasex	WT_veg	OK	1,73888	4,27434	1,29754	-1,52387	0,127542	0,340871	no
AN1882	ChrVII_A_nidulans_FGSC_A4:2150871-2152368	WT_5hasex	WT_veg	OK	66,6458	404,107	2,60015	-5,10233	3,355E-07	6,9325E-06	yes
AN1883	ChrVII_A_nidulans_FGSC_A4:2152993-2154902	WT_5hasex	WT_veg	OK	229,718	596,914	1,37766	-2,73253	0,00628506	0,0358924	yes
AN1885	ChrVII_A_nidulans_FGSC_A4:2157305-2158338	WT_5hasex	WT_veg	NOTEST	0,288519	1,53772	2,41406	-1,14174	0,253561	1	no
AN1886	ChrVII_A_nidulans_FGSC_A4:2158828-2159693	WT_5hasex	WT_veg	NOTEST	0,246876	1,15103	2,22106	-1,14626	0,251686	1	no
AN1887	ChrVII_A_nidulans_FGSC_A4:2159932-2161657	WT_5hasex	WT_veg	NOTEST	0	2,05372	1.79769e+308	1.79769e+308	0,0037306	1	no
AN1888	ChrVII_A_nidulans_FGSC_A4:2162181-2163092	WT_5hasex	WT_veg	OK	1,04318	7,27836	2,80263	-3,01158	0,00259893	0,0173468	yes
AN1889	ChrVII_A_nidulans_FGSC_A4:2166600-2168266	WT_5hasex	WT_veg	NOTEST	0,469083	0	-1.79769e+308	-1.79769e+308	0,114919	1	no
AN1890	ChrVII_A_nidulans_FGSC_A4:2168939-2170122	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN1891	ChrVII_A_nidulans_FGSC_A4:2170213-2171638	WT_5hasex	WT_veg	OK	6,66165	21,9837	1,72249	-2,55652	0,0105724	0,0544272	no
AN1892	ChrVII_A_nidulans_FGSC_A4:2171869-2173166	WT_5hasex	WT_veg	OK	155,04	1090,54	2,81434	-5,61892	1,9216E-08	5,2227E-07	yes
AN1893	ChrVII_A_nidulans_FGSC_A4:2175079-2177634	WT_5hasex	WT_veg	OK	53,7415	11,6374	-2,20726	4,42888	9,4722E-06	0,00013708	yes
AN1894	ChrVII_A_nidulans_FGSC_A4:2179319-2181100	WT_5hasex	WT_veg	OK	29,3721	73,2965	1,3193	-2,44357	0,0145427	0,0698568	no
AN1898	ChrVII_A_nidulans_FGSC_A4:2186943-2187751	WT_5hasex	WT_veg	OK	33,1429	98,2722	1,56808	-2,89409	0,0038026	0,023824	yes
AN1900	ChrVII_A_nidulans_FGSC_A4:2189888-2192576	WT_5hasex	WT_veg	OK	48,8218	80,9962	0,730329	-1,43966	0,149964	0,378846	no
AN1902	ChrVII_A_nidulans_FGSC_A4:2201084-2203845	WT_5hasex	WT_veg	OK	41,7808	204,671	2,2924	-4,78463	1,7131E-06	2,9883E-05	yes

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AN1903	ChrVII_A_nidulans_FGSC_A4:2209871-2210498	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN1904	ChrVII_A_nidulans_FGSC_A4:2213662-2215925	WT_5hasex	WT_veg	OK	115,447	210,672	0,867768	-1,76333	0,077844	0,243214 no
AN1906	ChrVII_A_nidulans_FGSC_A4:2217590-2218978	WT_5hasex	WT_veg	OK	25,3713	30,3208	0,257109	-0,491364	0,623169	0,826027 no
AN1907	ChrVII_A_nidulans_FGSC_A4:2219466-2220879	WT_5hasex	WT_veg	OK	49,2365	66,0869	0,424638	-0,865052	0,387011	0,660504 no
AN1908	ChrVII_A_nidulans_FGSC_A4:2221159-2225064	WT_5hasex	WT_veg	OK	13,1895	76,8364	2,54239	-5,0211	5,1376E-07	1,011E-05 yes
AN1909	ChrVII_A_nidulans_FGSC_A4:2221159-2225064	WT_5hasex	WT_veg	OK	45,5601	81,9433	0,846853	-1,68846	0,0913237	0,271581 no
AN1910	ChrVII_A_nidulans_FGSC_A4:2227679-2228612	WT_5hasex	WT_veg	OK	62,644	88,4475	0,497646	-0,994428	0,320014	0,596204 no
AN1911	ChrVII_A_nidulans_FGSC_A4:2228881-2230593	WT_5hasex	WT_veg	OK	86,5593	114,632	0,405249	-0,830756	0,406112	0,677072 no
AN1912	ChrVII_A_nidulans_FGSC_A4:2232535-2235182	WT_5hasex	WT_veg	NOTEST	0,573482	1,42519	1,31333	-1,39637	0,162602	1 no
AN1913	ChrVII_A_nidulans_FGSC_A4:2235601-2237816	WT_5hasex	WT_veg	OK	94,6161	199,548	1,07658	-2,20378	0,0275396	0,113534 no
AN1914	ChrVII_A_nidulans_FGSC_A4:2238378-2239596	WT_5hasex	WT_veg	NOTEST	0,188128	1,34803	2,84107	-1,37594	0,168839	1 no
AN1915	ChrVII_A_nidulans_FGSC_A4:2239929-2241634	WT_5hasex	WT_veg	OK	129,958	80,0189	-0,699632	1,31955	0,186986	0,436362 no
AN1919	ChrVII_A_nidulans_FGSC_A4:2259589-2261441	WT_5hasex	WT_veg	OK	23,6912	18,0434	-0,39288	0,65937	0,509658	0,756023 no
AN1920	ChrVII_A_nidulans_FGSC_A4:2262137-2264266	WT_5hasex	WT_veg	OK	58,9501	42,7219	-0,464517	0,759546	0,447526	0,710592 no
AN1922	ChrVII_A_nidulans_FGSC_A4:2267390-2269194	WT_5hasex	WT_veg	OK	139,38	178,019	0,353011	-0,718935	0,472181	0,729444 no
AN1923	ChrVII_A_nidulans_FGSC_A4:2269922-2272231	WT_5hasex	WT_veg	OK	286,262	204,794	-0,48316	0,898407	0,368969	0,643653 no
AN1924	ChrVII_A_nidulans_FGSC_A4:2273329-2275347	WT_5hasex	WT_veg	OK	108,393	269,516	1,31409	-2,59638	0,00942126	0,0497023 yes
AN1925	ChrVII_A_nidulans_FGSC_A4:2277195-2277606	WT_5hasex	WT_veg	NOTEST	1,23767	0	-1.79769e+308	-1.79769e+308	0,137528	1 no
AN1926	ChrVII_A_nidulans_FGSC_A4:2278892-2280132	WT_5hasex	WT_veg	OK	14,6695	87,5014	2,57649	-3,88073	0,00010414	0,00113621 yes
AN1927	ChrVII_A_nidulans_FGSC_A4:2282573-2285560	WT_5hasex	WT_veg	OK	16,3874	53,5572	1,70849	-3,43321	0,00059649	0,0050619 yes
AN1928	ChrVII_A_nidulans_FGSC_A4:2285797-2287432	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN1929	ChrVII_A_nidulans_FGSC_A4:2288429-2290789	WT_5hasex	WT_veg	OK	13,3611	32,9527	1,30236	-2,46644	0,0136462	0,0664334 no
AN1930	ChrVII_A_nidulans_FGSC_A4:2293472-2295038	WT_5hasex	WT_veg	OK	5,79804	3,14824	-0,881018	1,14973	0,250255	0,518756 no
AN1931	ChrVII_A_nidulans_FGSC_A4:2295347-2297461	WT_5hasex	WT_veg	OK	25,9563	51,3706	0,984859	-1,96847	0,0490144	0,175194 no
AN1933	ChrVII_A_nidulans_FGSC_A4:2304666-2306211	WT_5hasex	WT_veg	OK	113,325	207,593	0,873285	-1,81687	0,0692375	0,223741 no
AN1934	ChrVII_A_nidulans_FGSC_A4:2306668-2308360	WT_5hasex	WT_veg	OK	3,8419	11,2784	1,55367	-2,26603	0,0234498	0,100517 no
AN1935	ChrVII_A_nidulans_FGSC_A4:2308793-2310827	WT_5hasex	WT_veg	OK	49,6397	288,428	2,53864	-5,1636	2,4224E-07	5,1622E-06 yes
AN1936	ChrVII_A_nidulans_FGSC_A4:2311291-2311988	WT_5hasex	WT_veg	OK	50,0829	383,081	2,93526	-5,48016	4,2495E-08	1,0727E-06 yes
AN1938	ChrVII_A_nidulans_FGSC_A4:2319297-2320282	WT_5hasex	WT_veg	NOTEST	0,286935	0	-1.79769e+308	-1.79769e+308	0,224063	1 no
AN1939	ChrVII_A_nidulans_FGSC_A4:2321137-2324343	WT_5hasex	WT_veg	OK	104,374	335,204	1,68328	-3,29448	0,00098605	0,00775723 yes
AN1940	ChrVII_A_nidulans_FGSC_A4:2327787-2331433	WT_5hasex	WT_veg	OK	14,4058	9,87352	-0,54501	1,10733	0,26815	0,539947 no
AN1941	ChrVII_A_nidulans_FGSC_A4:2332402-2333217	WT_5hasex	WT_veg	OK	398,074	34,7536	-3,5178	5,10022	3,3926E-07	7,0046E-06 yes
AN1942	ChrVII_A_nidulans_FGSC_A4:2335118-2335627	WT_5hasex	WT_veg	OK	4,78433	14,4351	1,59319	-1,84541	0,0649784	0,213855 no
AN1943	ChrVII_A_nidulans_FGSC_A4:2336081-2337798	WT_5hasex	WT_veg	OK	24,6969	40,9266	0,728708	-1,42415	0,154404	0,386345 no
AN1944	ChrVII_A_nidulans_FGSC_A4:2338070-2340208	WT_5hasex	WT_veg	OK	6,35657	17,1157	1,429	-2,4091	0,0159919	0,0751816 no
AN1945	ChrVII_A_nidulans_FGSC_A4:2340455-2341468	WT_5hasex	WT_veg	OK	40,1708	68,5721	0,771475	-1,42647	0,153733	0,385228 no
AN1946	ChrVII_A_nidulans_FGSC_A4:2341921-2342944	WT_5hasex	WT_veg	OK	10,6876	12,2999	0,202705	-0,289672	0,772067	0,906578 no
AN1947	ChrVII_A_nidulans_FGSC_A4:2343024-2344089	WT_5hasex	WT_veg	OK	22,787	55,8502	1,29335	-1,9996	0,0455436	0,166011 no
AN1948	ChrVII_A_nidulans_FGSC_A4:2344351-2349513	WT_5hasex	WT_veg	OK	53,6229	131,751	1,2969	-2,3071	0,0210495	0,0927233 no
AN1949	ChrVII_A_nidulans_FGSC_A4:2351860-2354022	WT_5hasex	WT_veg	OK	30,2292	240,303	2,99084	-6,08275	1,1814E-09	4,1216E-08 yes
AN1950	ChrVII_A_nidulans_FGSC_A4:2357811-2360552	WT_5hasex	WT_veg	OK	58,5505	130,899	1,1607	-2,40239	0,0162884	0,0762364 no
AN1951	ChrVII_A_nidulans_FGSC_A4:2360812-2362113	WT_5hasex	WT_veg	OK	34,935	90,9367	1,38019	-2,63428	0,0084316	0,0454747 yes
AN1952	ChrVII_A_nidulans_FGSC_A4:2364928-2366127	WT_5hasex	WT_veg	OK	60,585	379,518	2,64714	-5,00431	5,6063E-07	1,0938E-05 yes
AN1954	ChrVII_A_nidulans_FGSC_A4:2369981-2371354	WT_5hasex	WT_veg	OK	59,5291	180,522	1,6005	-3,30677	0,00094379	0,00749103 yes
AN1955	ChrVII_A_nidulans_FGSC_A4:2372220-2373853	WT_5hasex	WT_veg	NOTEST	1,57734	0,818845	-0,945829	0,789069	0,430072	1 no
AN1956	ChrVII_A_nidulans_FGSC_A4:2375087-2379647	WT_5hasex	WT_veg	OK	5,28098	6,00055	0,184291	-0,33456	0,737957	0,88986 no
AN1957	ChrVII_A_nidulans_FGSC_A4:2380045-2381596	WT_5hasex	WT_veg	OK	7,97399	28,5204	1,83862	-3,0509	0,00228158	0,0155697 yes
AN1958	ChrVII_A_nidulans_FGSC_A4:2385198-2385673	WT_5hasex	WT_veg	OK	2,74989	7,48708	1,44503	-1,37701	0,16851	0,408507 no
AN1960	ChrVII_A_nidulans_FGSC_A4:2389564-2392307	WT_5hasex	WT_veg	NOTEST	0,704116	2,56526	1,86522	-2,31729	0,0204877	1 no
AN1962	ChrVII_A_nidulans_FGSC_A4:2398827-2400974	WT_5hasex	WT_veg	OK	3,13084	9,73254	1,63627	-2,31261	0,0207439	0,0916774 no
AN1963	ChrVII_A_nidulans_FGSC_A4:2402664-2403855	WT_5hasex	WT_veg	OK	28,1553	45,3453	0,687547	-1,31331	0,189078	0,439338 no
AN1964	ChrVII_A_nidulans_FGSC_A4:2404749-2406461	WT_5hasex	WT_veg	OK	845,257	1413,69	0,742002	-1,24894	0,211686	0,470391 no
AN1965	ChrVII_A_nidulans_FGSC_A4:2406773-2408348	WT_5hasex	WT_veg	OK	71,0051	308,39	2,11876	-4,32839	1,502E-05	0,00020736 yes

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AN1968	ChrVII_A_nidulans_FGSC_A4:2427399-2428459	WT_5hasex	WT_veg	OK	54,8241	56,355	0,0397345	-0,0788882	0,937122	0,976458	no
AN1969	ChrVII_A_nidulans_FGSC_A4:2428819-2429905	WT_5hasex	WT_veg	OK	9,64933	41,9669	2,12075	-2,9874	0,00281359	0,0185223	yes
AN1970	ChrVII_A_nidulans_FGSC_A4:2430132-2430997	WT_5hasex	WT_veg	OK	174,988	355,836	1,02396	-2,01757	0,0436362	0,160815	no
AN1971	ChrVII_A_nidulans_FGSC_A4:2431144-2433001	WT_5hasex	WT_veg	OK	55,7332	177,215	1,66889	-3,47397	0,00051281	0,00444981	yes
AN1972	ChrVII_A_nidulans_FGSC_A4:2433019-2434772	WT_5hasex	WT_veg	OK	34,9483	42,224	0,272843	-0,547194	0,584245	0,803761	no
AN1973	ChrVII_A_nidulans_FGSC_A4:2435570-2436742	WT_5hasex	WT_veg	OK	260,583	448,733	0,784117	-1,549	0,121383	0,33022	no
AN1975	ChrVII_A_nidulans_FGSC_A4:2439922-2442468	WT_5hasex	WT_veg	OK	29,9048	45,258	0,597798	-1,22577	0,220285	0,481676	no
AN1976	ChrVII_A_nidulans_FGSC_A4:2442967-2444786	WT_5hasex	WT_veg	OK	20,7807	54,7001	1,3963	-2,6366	0,00837406	0,0452016	yes
AN1977	ChrVII_A_nidulans_FGSC_A4:2445120-2445714	WT_5hasex	WT_veg	OK	7,85937	17,5547	1,15937	-1,57916	0,114298	0,317172	no
AN1978	ChrVII_A_nidulans_FGSC_A4:2447249-2447865	WT_5hasex	WT_veg	OK	2,17424	3,84056	0,820807	-0,688963	0,490847	0,74323	no
AN1979	ChrVII_A_nidulans_FGSC_A4:2448114-2448485	WT_5hasex	WT_veg	OK	24,3777	36,5405	0,583932	-0,811574	0,417036	0,686008	no
AN1980	ChrVII_A_nidulans_FGSC_A4:2448930-2451772	WT_5hasex	WT_veg	OK	22,4052	22,7482	0,0219216	-0,0445701	0,96445	0,987112	no
AN1981	ChrVII_A_nidulans_FGSC_A4:2452519-2453794	WT_5hasex	WT_veg	OK	27,5391	44,2095	0,682874	-1,29766	0,194405	0,446534	no
AN1982	ChrVII_A_nidulans_FGSC_A4:2454324-2457092	WT_5hasex	WT_veg	OK	2,87139	1,1039	-1,37914	1,65156	0,0986253	0,286499	no
AN1983	ChrVII_A_nidulans_FGSC_A4:2457387-2460326	WT_5hasex	WT_veg	OK	16,8432	93,4729	2,47238	-4,82682	1,3873E-06	2,4643E-05	yes
AN1984	ChrVII_A_nidulans_FGSC_A4:2462311-2464859	WT_5hasex	WT_veg	OK	55,2341	75,9477	0,459445	-0,956025	0,33906	0,61501	no
AN1986	ChrVII_A_nidulans_FGSC_A4:2467992-2468805	WT_5hasex	WT_veg	OK	151,253	294,874	0,963132	-1,9897	0,0466237	0,169031	no
AN1987	ChrVII_A_nidulans_FGSC_A4:2469119-2470554	WT_5hasex	WT_veg	OK	15,5238	69,0427	2,153	-3,93959	8,162E-05	0,00091782	yes
AN1988	ChrVII_A_nidulans_FGSC_A4:2470686-2472966	WT_5hasex	WT_veg	OK	18,9339	17,2516	-0,134241	0,26621	0,790077	0,914408	no
AN1989	ChrVII_A_nidulans_FGSC_A4:2474153-2476054	WT_5hasex	WT_veg	OK	39,8563	65,9863	0,727357	-1,47561	0,140049	0,362627	no
AN1990	ChrVII_A_nidulans_FGSC_A4:2476499-2478711	WT_5hasex	WT_veg	OK	130,631	783,033	2,58358	-4,84453	1,2692E-06	2,2753E-05	yes
AN1992	ChrVII_A_nidulans_FGSC_A4:2485377-2487393	WT_5hasex	WT_veg	OK	23,2505	37,3276	0,68298	-1,38414	0,166316	0,405003	no
AN1993	ChrVII_A_nidulans_FGSC_A4:2489126-2490977	WT_5hasex	WT_veg	OK	433,71	637,245	0,555116	-1,03236	0,301905	0,577683	no
AN1995	ChrVII_A_nidulans_FGSC_A4:2495269-2497980	WT_5hasex	WT_veg	OK	19,3664	31,9768	0,723469	-1,39366	0,163419	0,400425	no
AN1996	ChrVII_A_nidulans_FGSC_A4:2499125-2501271	WT_5hasex	WT_veg	OK	42,5051	74,067	0,801196	-1,58853	0,112165	0,313071	no
AN1997	ChrVII_A_nidulans_FGSC_A4:2502495-2503937	WT_5hasex	WT_veg	OK	24,6385	201,912	3,03474	-5,93293	2,9758E-09	9,5337E-08	yes
AN1998	ChrVII_A_nidulans_FGSC_A4:2508604-2509669	WT_5hasex	WT_veg	OK	9,26265	23,0551	1,31559	-2,05658	0,0397267	0,150125	no
AN1999	ChrVII_A_nidulans_FGSC_A4:2510615-2511659	WT_5hasex	WT_veg	OK	67,0076	97,009	0,533793	-1,07229	0,283591	0,557374	no
AN2001	ChrVII_A_nidulans_FGSC_A4:2517458-2520149	WT_5hasex	WT_veg	OK	260,144	308,809	0,247404	-0,427317	0,669149	0,851995	no
AN2002	ChrVII_A_nidulans_FGSC_A4:2522747-2524767	WT_5hasex	WT_veg	OK	47,8706	68,6266	0,519627	-0,995933	0,319283	0,595347	no
AN2004	ChrVII_A_nidulans_FGSC_A4:2532014-2532590	WT_5hasex	WT_veg	OK	8,35592	7,2238	-0,210039	0,246694	0,805145	0,921686	no
AN2006	ChrVII_A_nidulans_FGSC_A4:2540905-2542362	WT_5hasex	WT_veg	OK	21,1302	36,5394	0,790144	-1,49803	0,134124	0,352813	no
AN2007	ChrVII_A_nidulans_FGSC_A4:2542572-2543262	WT_5hasex	WT_veg	OK	115,516	258,536	1,16227	-2,34498	0,0190279	0,0856835	no
AN2008	ChrVII_A_nidulans_FGSC_A4:2543530-2544295	WT_5hasex	WT_veg	OK	34,9392	68,7303	0,976101	-1,81423	0,0696429	0,226463	no
AN2010	ChrVII_A_nidulans_FGSC_A4:2551148-2552218	WT_5hasex	WT_veg	OK	112,164	38,8969	-1,52788	3,00205	0,00268171	0,0177964	yes
AN2011	ChrVII_A_nidulans_FGSC_A4:2553807-2558874	WT_5hasex	WT_veg	OK	13,0795	44,0838	1,75294	-3,64904	0,00026323	0,00252814	yes
AN2013	ChrVII_A_nidulans_FGSC_A4:2565192-2566447	WT_5hasex	WT_veg	OK	56,5082	248,843	2,1387	-4,27074	1,9483E-05	0,00026044	yes
AN2014	ChrVII_A_nidulans_FGSC_A4:2566514-2568804	WT_5hasex	WT_veg	OK	61,399	76,4144	0,315628	-0,654485	0,5128	0,757839	no
AN2015	ChrVII_A_nidulans_FGSC_A4:2570364-2572440	WT_5hasex	WT_veg	OK	92,6489	219,877	1,24685	-2,51457	0,0119177	0,0598364	no
AN2019	ChrVII_A_nidulans_FGSC_A4:2582709-2583183	WT_5hasex	WT_veg	OK	10,4209	93,5296	3,16595	-4,47928	7,4894E-06	0,00011118	yes
AN2020	ChrVII_A_nidulans_FGSC_A4:2588579-2589933	WT_5hasex	WT_veg	OK	202,525	147,767	-0,454773	0,84203	0,399771	0,672096	no
AN2021	ChrVII_A_nidulans_FGSC_A4:2603286-2607323	WT_5hasex	WT_veg	OK	35,6251	27,416	-0,377875	0,772923	0,439568	0,703851	no
AN2022	ChrVII_A_nidulans_FGSC_A4:2607674-2609439	WT_5hasex	WT_veg	OK	27,4578	157,121	2,51658	-4,78787	1,6856E-06	2,9462E-05	yes
AN2023	ChrVII_A_nidulans_FGSC_A4:2610650-2611960	WT_5hasex	WT_veg	OK	37,8554	228,768	2,59531	-4,87903	1,0661E-06	1,9424E-05	yes
AN2024	ChrVII_A_nidulans_FGSC_A4:2614445-2615152	WT_5hasex	WT_veg	NOTEST	1,8687	2,31423	0,308499	-0,247405	0,804595	1	no
AN2025	ChrVII_A_nidulans_FGSC_A4:2615524-2617778	WT_5hasex	WT_veg	OK	4,45004	15,1871	1,77096	-2,57281	0,0100877	0,0524627	no
AN2026	ChrVII_A_nidulans_FGSC_A4:2618708-2619371	WT_5hasex	WT_veg	OK	30,4995	74,1813	1,28227	-2,25753	0,0239748	0,102157	no
AN2029	ChrVII_A_nidulans_FGSC_A4:2626344-2627879	WT_5hasex	WT_veg	OK	47,1677	125,41	1,41078	-2,72253	0,00647844	0,0368003	yes
AN2030	ChrVII_A_nidulans_FGSC_A4:2638096-2638772	WT_5hasex	WT_veg	OK	89,7591	13,7381	-2,70788	4,88997	1,0085E-06	1,8453E-05	yes
AN2031	ChrVII_A_nidulans_FGSC_A4:2639262-2640105	WT_5hasex	WT_veg	OK	14,4274	1,99947	-2,85112	2,92639	0,00342916	0,0218793	yes
AN2032	ChrVII_A_nidulans_FGSC_A4:2640607-2647359	WT_5hasex	WT_veg	OK	2,08645	0,403534	-2,37029	3,0029	0,00267424	0,017755	yes
AN2033	ChrVII_A_nidulans_FGSC_A4:2647940-2649248	WT_5hasex	WT_veg	OK	39,104	6,59556	-3,41758	5,53647	3,0863E-08	8,0382E-07	yes
AN2034	ChrVII_A_nidulans_FGSC_A4:2649537-2650119	WT_5hasex	WT_veg	OK	23,246	3,12416	-2,89544	2,93025	0,00338688	0,0216491	yes

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AN2035	ChrVII_A_nidulans_FGSC_A4:2650660-2658445	WT_5hasex	WT_veg	NOTEST	1,3717	0,151016	-3,1832	2,85961	0,00424157	1	no
AN2036	ChrVII_A_nidulans_FGSC_A4:2659136-2661447	WT_5hasex	WT_veg	OK	3,31943	1,63431	-1,02226	1,20538	0,228055	0,491165	no
AN2037	ChrVII_A_nidulans_FGSC_A4:2663256-2664479	WT_5hasex	WT_veg	OK	371,147	41,4374	-3,16299	5,54241	2,9833E-08	7,7893E-07	yes
AN2038	ChrVII_A_nidulans_FGSC_A4:2667020-2668412	WT_5hasex	WT_veg	OK	27,5408	3,89801	-2,82076	4,74029	2,1341E-06	3,6451E-05	yes
AN2039	ChrVII_A_nidulans_FGSC_A4:2670496-2671463	WT_5hasex	WT_veg	OK	2,43394	6,75582	1,47284	-1,72883	0,083839	0,256218	no
AN2041	ChrVII_A_nidulans_FGSC_A4:2676074-2677208	WT_5hasex	WT_veg	NOTEST	1,06467	0	-1.79769e+308	-1.79769e+308	0,0341693	1	no
AN2042	ChrVII_A_nidulans_FGSC_A4:2677653-2679909	WT_5hasex	WT_veg	OK	173,471	107,98	-0,68393	1,26398	0,206238	0,462996	no
AN2043	ChrVII_A_nidulans_FGSC_A4:2682641-2684541	WT_5hasex	WT_veg	OK	26,0094	33,5986	0,369368	-0,626995	0,530663	0,77	no
AN2044	ChrVII_A_nidulans_FGSC_A4:2686178-2687787	WT_5hasex	WT_veg	OK	54,5217	44,0601	-0,307358	0,52461	0,599855	0,813138	no
AN2045	ChrVII_A_nidulans_FGSC_A4:2687935-2690187	WT_5hasex	WT_veg	OK	55,0483	65,6424	0,253929	-0,525489	0,599243	0,812799	no
AN2046	ChrVII_A_nidulans_FGSC_A4:2690482-2692305	WT_5hasex	WT_veg	OK	25,4287	39,9217	0,650717	-1,19457	0,232254	0,496616	no
AN2049	ChrVII_A_nidulans_FGSC_A4:2696468-2698376	WT_5hasex	WT_veg	OK	33,6473	37,78	0,167133	-0,337724	0,735571	0,888573	no
AN2050	ChrVII_A_nidulans_FGSC_A4:2698525-2699737	WT_5hasex	WT_veg	OK	166,046	300,83	0,85736	-1,74252	0,0814168	0,250759	no
AN2052	ChrVII_A_nidulans_FGSC_A4:2701905-2704379	WT_5hasex	WT_veg	OK	88,5248	108,992	0,30007	-0,60746	0,543545	0,778008	no
AN2054	ChrVII_A_nidulans_FGSC_A4:2706603-2708649	WT_5hasex	WT_veg	OK	11,8429	16,034	0,437109	-0,800796	0,42325	0,691133	no
AN2055	ChrVII_A_nidulans_FGSC_A4:2710375-2712565	WT_5hasex	WT_veg	OK	74,0506	416,651	2,49225	-5,10107	3,3774E-07	6,9761E-06	yes
AN2056	ChrVII_A_nidulans_FGSC_A4:2712844-2714537	WT_5hasex	WT_veg	OK	110,881	230,047	1,05292	-2,16721	0,0302189	0,121998	no
AN2057	ChrVII_A_nidulans_FGSC_A4:2714783-2715800	WT_5hasex	WT_veg	OK	150,273	261,824	0,801013	-1,60965	0,107475	0,304621	no
AN2058	ChrVII_A_nidulans_FGSC_A4:2716535-2718265	WT_5hasex	WT_veg	OK	32,6642	31,4439	-0,0549327	0,108284	0,91377	0,967205	no
AN2063	ChrVII_A_nidulans_FGSC_A4:2730753-2733710	WT_5hasex	WT_veg	OK	74,5596	180,833	1,27819	-2,6334	0,00845357	0,0455698	yes
AN2064	ChrVII_A_nidulans_FGSC_A4:2734447-2737626	WT_5hasex	WT_veg	OK	16,7536	66,7541	1,99439	-3,70912	0,00020799	0,00206261	yes
AN2066	ChrVII_A_nidulans_FGSC_A4:2743458-2746214	WT_5hasex	WT_veg	OK	39,7837	77,7578	0,966808	-2,00156	0,0453325	0,165483	no
AN2067	ChrVII_A_nidulans_FGSC_A4:2747062-2749760	WT_5hasex	WT_veg	OK	27,0532	80,9038	1,58041	-3,19079	0,00141882	0,0104806	yes
AN2068	ChrVII_A_nidulans_FGSC_A4:2753420-2757730	WT_5hasex	WT_veg	OK	29,4763	72,2281	1,29301	-2,69869	0,00696134	0,038944	yes
AN2069	ChrVII_A_nidulans_FGSC_A4:2758412-2759721	WT_5hasex	WT_veg	OK	387,239	702,635	0,859551	-1,6615	0,0966133	0,282374	no
AN2070	ChrVII_A_nidulans_FGSC_A4:2760686-2762645	WT_5hasex	WT_veg	OK	17,5926	26,8561	0,610282	-1,15018	0,250068	0,51846	no
AN2071	ChrVII_A_nidulans_FGSC_A4:2763312-2765664	WT_5hasex	WT_veg	OK	47,9545	97,5672	1,02473	-2,11137	0,0347408	0,135954	no
AN2072	ChrVII_A_nidulans_FGSC_A4:2766287-2769687	WT_5hasex	WT_veg	OK	8,39148	17,2056	1,03588	-1,93613	0,0528518	0,184464	no
AN2073	ChrVII_A_nidulans_FGSC_A4:2770375-2775339	WT_5hasex	WT_veg	OK	9,76668	10,1526	0,0559149	-0,109906	0,912484	0,966859	no
AN2074	ChrVII_A_nidulans_FGSC_A4:2777268-2778887	WT_5hasex	WT_veg	OK	107,017	161,022	0,589412	-0,92049	0,357317	0,632539	no
AN2075	ChrVII_A_nidulans_FGSC_A4:2779850-2781843	WT_5hasex	WT_veg	OK	40,5293	116,25	1,52019	-2,43652	0,0148295	0,0709194	no
AN2076	ChrVII_A_nidulans_FGSC_A4:2783826-2787285	WT_5hasex	WT_veg	OK	30,878	50,8066	0,718439	-1,40242	0,160789	0,396426	no
AN2077	ChrVII_A_nidulans_FGSC_A4:2787888-2790637	WT_5hasex	WT_veg	OK	6,16789	42,9764	2,80069	-4,8224	1,4184E-06	2,5144E-05	yes
AN2078	ChrVII_A_nidulans_FGSC_A4:2791135-2795725	WT_5hasex	WT_veg	OK	13,3821	17,4339	0,381596	-0,771043	0,440681	0,704902	no
AN2079	ChrVII_A_nidulans_FGSC_A4:2796306-2796900	WT_5hasex	WT_veg	OK	36,3496	113,572	1,64359	-2,89495	0,00379219	0,0237702	yes
AN2080	ChrVII_A_nidulans_FGSC_A4:2796967-2799469	WT_5hasex	WT_veg	OK	92,4362	248,592	1,42725	-2,89325	0,00381274	0,0238647	yes
AN2081	ChrVII_A_nidulans_FGSC_A4:2799929-2802146	WT_5hasex	WT_veg	OK	21,7487	30,0137	0,464694	-0,919091	0,358048	0,633149	no
AN2082	ChrVII_A_nidulans_FGSC_A4:2802343-2803985	WT_5hasex	WT_veg	OK	54,1001	107,678	0,993014	-2,03791	0,0415586	0,1551	no
AN2083	ChrVII_A_nidulans_FGSC_A4:2804129-2806076	WT_5hasex	WT_veg	OK	8,50072	9,61555	0,177785	-0,306826	0,758976	0,900238	no
AN2084	ChrVII_A_nidulans_FGSC_A4:2811586-2815780	WT_5hasex	WT_veg	OK	14,7239	30,3176	1,042	-2,04569	0,0407867	0,152927	no
AN2085	ChrVII_A_nidulans_FGSC_A4:2815938-2817071	WT_5hasex	WT_veg	OK	198,019	297,41	0,586812	-1,20477	0,228292	0,491304	no
AN2088	ChrVII_A_nidulans_FGSC_A4:2822328-2828770	WT_5hasex	WT_veg	OK	12,2585	36,8725	1,58877	-2,63614	0,00838563	0,0452454	yes
AN2090	ChrVII_A_nidulans_FGSC_A4:2833085-2835168	WT_5hasex	WT_veg	OK	21,0906	122,964	2,54356	-5,14007	2,7463E-07	5,789E-06	yes
AN2091	ChrVII_A_nidulans_FGSC_A4:2835182-2836839	WT_5hasex	WT_veg	OK	62,693	150,641	1,26474	-2,62876	0,00856979	0,0460967	yes
AN2093	ChrVII_A_nidulans_FGSC_A4:2838898-2841156	WT_5hasex	WT_veg	OK	16,9832	23,0087	0,438077	-0,84802	0,396427	0,669472	no
AN2095	ChrVII_A_nidulans_FGSC_A4:2848653-2849649	WT_5hasex	WT_veg	OK	4,89035	6,42813	0,394463	-0,518806	0,603896	0,815644	no
AN2096	ChrVII_A_nidulans_FGSC_A4:2849665-2852047	WT_5hasex	WT_veg	OK	18,5348	12,4533	-0,573718	1,11176	0,266243	0,537796	no
AN2097	ChrVII_A_nidulans_FGSC_A4:2853064-2854163	WT_5hasex	WT_veg	OK	1,97209	3,34145	0,760749	-0,619921	0,535309	0,772784	no
AN2098	ChrVII_A_nidulans_FGSC_A4:2854526-2855178	WT_5hasex	WT_veg	OK	57,1893	196,975	1,7842	-3,20624	0,0013448	0,0100385	yes
AN2099	ChrVII_A_nidulans_FGSC_A4:2855967-2857389	WT_5hasex	WT_veg	OK	2411,27	8662,83	1,84504	-1,82221	0,0684233	0,22193	no
AN2100	ChrVII_A_nidulans_FGSC_A4:2858118-2859657	WT_5hasex	WT_veg	OK	14,5883	17,3704	0,251821	-0,457868	0,647047	0,839983	no
AN2101	ChrVII_A_nidulans_FGSC_A4:2860316-2863838	WT_5hasex	WT_veg	OK	26,1775	24,3241	-0,105935	0,218951	0,826688	0,931066	no
AN2102	ChrVII_A_nidulans_FGSC_A4:2863859-2864670	WT_5hasex	WT_veg	OK	8,69355	18,4134	1,08274	-1,54973	0,121206	0,329893	no

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AN2103	ChrVII_A_nidulans_FGSC_A4:2865022-2865642	WT_5hasex	WT_veg	OK	89,8525	118,305	0,396885	-0,754352	0,450638	0,712756	no
AN2104	ChrVII_A_nidulans_FGSC_A4:2865831-2866626	WT_5hasex	WT_veg	OK	4,71349	18,0306	1,93558	-2,57147	0,0101267	0,052629	no
AN2106	ChrVII_A_nidulans_FGSC_A4:2867909-2871035	WT_5hasex	WT_veg	OK	33,7224	43,3852	0,363495	-0,753444	0,451183	0,713075	no
AN2107	ChrVII_A_nidulans_FGSC_A4:2871412-2874200	WT_5hasex	WT_veg	OK	38,4306	30,0806	-0,353421	0,712477	0,476169	0,732276	no
AN2108	ChrVII_A_nidulans_FGSC_A4:2883999-2885524	WT_5hasex	WT_veg	OK	16,8947	25,7367	0,607256	-1,05388	0,291937	0,566616	no
AN2110	ChrVII_A_nidulans_FGSC_A4:2892311-2893680	WT_5hasex	WT_veg	OK	11,2506	14,0496	0,320524	-0,525755	0,599059	0,812631	no
AN2111	ChrVII_A_nidulans_FGSC_A4:2894366-2895537	WT_5hasex	WT_veg	OK	7,0797	12,4183	0,810702	-1,19618	0,231627	0,495963	no
AN2112	ChrVII_A_nidulans_FGSC_A4:2896201-2897538	WT_5hasex	WT_veg	OK	14,8245	7,5985	-0,964198	1,5175	0,129141	0,343786	no
AN2113	ChrVII_A_nidulans_FGSC_A4:2898024-2899853	WT_5hasex	WT_veg	OK	12,554	20,4929	0,706981	-1,25614	0,209064	0,466762	no
AN2114	ChrVII_A_nidulans_FGSC_A4:2905460-2906938	WT_5hasex	WT_veg	OK	20,2285	15,1188	-0,420043	0,750157	0,45316	0,714546	no
AN2115	ChrVII_A_nidulans_FGSC_A4:2907839-2909275	WT_5hasex	WT_veg	OK	23,1776	24,6397	0,0882537	-0,168021	0,866567	0,948839	no
AN2116	ChrVII_A_nidulans_FGSC_A4:2914051-2915002	WT_5hasex	WT_veg	OK	7,8313	1,75519	-2,15763	1,95906	0,0501058	0,177798	no
AN2117	ChrVII_A_nidulans_FGSC_A4:2915862-2916366	WT_5hasex	WT_veg	OK	0,846117	9,25863	3,45187	-2,76129	0,00575734	0,0333772	yes
AN2118	ChrVII_A_nidulans_FGSC_A4:2918522-2919536	WT_5hasex	WT_veg	OK	14,0963	14,5123	0,0419596	-0,0691165	0,944897	0,979356	no
AN2119	ChrVII_A_nidulans_FGSC_A4:2920755-2924697	WT_5hasex	WT_veg	OK	97,4511	176,951	0,860602	-1,69556	0,0899686	0,269096	no
AN2120	ChrVII_A_nidulans_FGSC_A4:2925432-2929217	WT_5hasex	WT_veg	OK	37,0992	258,201	2,79903	-5,54271	2,9783E-08	7,784E-07	yes
AN2121	ChrVII_A_nidulans_FGSC_A4:2930257-2931463	WT_5hasex	WT_veg	OK	3,03958	10,0158	1,72033	-2,35536	0,0185049	0,0839019	no
AN2122	ChrVII_A_nidulans_FGSC_A4:2936093-2938366	WT_5hasex	WT_veg	OK	24,3	40,258	0,728319	-1,46193	0,14376	0,368901	no
AN2123	ChrVII_A_nidulans_FGSC_A4:2939363-2940270	WT_5hasex	WT_veg	OK	12,7238	30,8083	1,27578	-2,06532	0,0388927	0,147728	no
AN2124	ChrVII_A_nidulans_FGSC_A4:2940499-2941559	WT_5hasex	WT_veg	OK	25,8041	31,5958	0,292133	-0,523344	0,600735	0,813641	no
AN2126	ChrVII_A_nidulans_FGSC_A4:2951217-2953044	WT_5hasex	WT_veg	OK	86,4006	146,959	0,766301	-1,58461	0,113056	0,314756	no
AN2127	ChrVII_A_nidulans_FGSC_A4:2953539-2954127	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2128	ChrVII_A_nidulans_FGSC_A4:2957158-2959641	WT_5hasex	WT_veg	OK	38,3366	79,662	1,05517	-2,17799	0,0294066	0,119464	no
AN2130	ChrVII_A_nidulans_FGSC_A4:2962880-2966731	WT_5hasex	WT_veg	OK	46,3998	73,5518	0,664643	-1,34278	0,179342	0,425183	no
AN2132	ChrVII_A_nidulans_FGSC_A4:2981866-2983174	WT_5hasex	WT_veg	OK	26,8577	22,6426	-0,246296	0,456643	0,647928	0,84033	no
AN2133	ChrVII_A_nidulans_FGSC_A4:2983569-2984448	WT_5hasex	WT_veg	OK	212,458	251,036	0,240717	-0,388659	0,697528	0,867869	no
AN2134	ChrVII_A_nidulans_FGSC_A4:2984685-2987271	WT_5hasex	WT_veg	OK	45,3405	57,0605	0,331692	-0,678079	0,497721	0,748246	no
AN2135	ChrVII_A_nidulans_FGSC_A4:2987711-2989666	WT_5hasex	WT_veg	OK	11,1797	24,9525	1,1583	-2,11316	0,0345872	0,13553	no
AN2136	ChrVII_A_nidulans_FGSC_A4:2990625-2992943	WT_5hasex	WT_veg	OK	28,4366	53,6743	0,916483	-1,87246	0,0611436	0,204876	no
AN2137	ChrVII_A_nidulans_FGSC_A4:2997245-2999401	WT_5hasex	WT_veg	OK	60,1662	113,103	0,910605	-1,84803	0,0645973	0,212962	no
AN2138	ChrVII_A_nidulans_FGSC_A4:3000333-3004531	WT_5hasex	WT_veg	OK	7,49174	17,6826	1,23896	-2,36577	0,0179928	0,0821478	no
AN2139	ChrVII_A_nidulans_FGSC_A4:3004835-3005734	WT_5hasex	WT_veg	OK	25,5553	42,0288	0,717753	-1,27776	0,201335	0,456488	no
AN2140	ChrVII_A_nidulans_FGSC_A4:3005799-3007089	WT_5hasex	WT_veg	OK	100,878	113,564	0,170903	-0,352547	0,724428	0,882828	no
AN2143	ChrVII_A_nidulans_FGSC_A4:3015306-3018989	WT_5hasex	WT_veg	OK	13,0472	29,2203	1,16323	-2,34347	0,0191052	0,0859578	no
AN2144	ChrVII_A_nidulans_FGSC_A4:3019839-3020913	WT_5hasex	WT_veg	OK	10,789	4,50856	-1,25883	1,78464	0,0743197	0,235019	no
AN2145	ChrVII_A_nidulans_FGSC_A4:3021369-3022900	WT_5hasex	WT_veg	OK	8,9314	23,102	1,37106	-2,26417	0,0235638	0,100848	no
AN2146	ChrVII_A_nidulans_FGSC_A4:3024624-3025719	WT_5hasex	WT_veg	OK	14,8501	89,7617	2,59562	-4,38659	1,1514E-05	0,00016272	yes
AN2148	ChrVII_A_nidulans_FGSC_A4:3031802-3034303	WT_5hasex	WT_veg	OK	17,9774	29,5467	0,716814	-1,41305	0,157641	0,391762	no
AN2150	ChrVII_A_nidulans_FGSC_A4:3036681-3039067	WT_5hasex	WT_veg	OK	71,1139	136,207	0,937595	-1,94678	0,0515606	0,181359	no
AN2151	ChrVII_A_nidulans_FGSC_A4:3039758-3041714	WT_5hasex	WT_veg	OK	9,54207	13,9745	0,550424	-0,96413	0,334981	0,611212	no
AN2152	ChrVII_A_nidulans_FGSC_A4:3044685-3045292	WT_5hasex	WT_veg	OK	3,23965	3,43271	0,0835103	-0,0750941	0,94014	0,977554	no
AN2153	ChrVII_A_nidulans_FGSC_A4:3046274-3047303	WT_5hasex	WT_veg	OK	75,4411	141,609	0,908489	-1,85423	0,0637064	0,210754	no
AN2154	ChrVII_A_nidulans_FGSC_A4:3049390-3052744	WT_5hasex	WT_veg	OK	229,208	310,738	0,439044	-0,756578	0,449302	0,711761	no
AN2155	ChrVII_A_nidulans_FGSC_A4:3054427-3055502	WT_5hasex	WT_veg	OK	54,2384	70,5767	0,379879	-0,769148	0,441806	0,705819	no
AN2156	ChrVII_A_nidulans_FGSC_A4:3056862-3057803	WT_5hasex	WT_veg	NOTEST	0	1,37098	1.79769e+308	1.79769e+308	0,134707	1	no
AN2157	ChrVII_A_nidulans_FGSC_A4:3058687-3060403	WT_5hasex	WT_veg	OK	63,0294	327,959	2,37942	-4,06194	4,8667E-05	0,00058479	yes
AN2158	ChrVII_A_nidulans_FGSC_A4:3060847-3062261	WT_5hasex	WT_veg	OK	3,97745	11,0862	1,47885	-1,91468	0,0555328	0,191223	no
AN2160	ChrVII_A_nidulans_FGSC_A4:3068723-3069978	WT_5hasex	WT_veg	OK	10,442	12,2919	0,235299	-0,375501	0,707288	0,873619	no
AN2161	ChrVII_A_nidulans_FGSC_A4:3070259-3071507	WT_5hasex	WT_veg	OK	29,5701	67,7146	1,19533	-2,30174	0,0213496	0,093682	no
AN2162	ChrVII_A_nidulans_FGSC_A4:3072888-3075113	WT_5hasex	WT_veg	OK	17,6649	16,8867	-0,0649975	0,127386	0,898635	0,961087	no
AN2164	ChrVII_A_nidulans_FGSC_A4:3079491-3082664	WT_5hasex	WT_veg	OK	34,1535	37,4197	0,131761	-0,268605	0,788234	0,913606	no
AN2165	ChrVII_A_nidulans_FGSC_A4:3083431-3084602	WT_5hasex	WT_veg	OK	45,4638	51,8404	0,18936	-0,379394	0,704395	0,871958	no
AN2166	ChrVII_A_nidulans_FGSC_A4:3084700-3085806	WT_5hasex	WT_veg	OK	24,5078	54,7743	1,16026	-2,15929	0,030828	0,12396	no

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AN2168	ChrVII_A_nidulans_FGSC_A4:3089377-3090794	WT_5hasex	WT_veg	OK	21,7926	22,1227	0,0216888	-0,0394319	0,968546	0,988523	no
AN2169	ChrVII_A_nidulans_FGSC_A4:3091428-3092444	WT_5hasex	WT_veg	OK	128,719	259,342	1,01063	-2,09398	0,0362615	0,140411	no
AN2171	ChrVII_A_nidulans_FGSC_A4:3094955-3095909	WT_5hasex	WT_veg	OK	404,813	676,236	0,740271	-1,48546	0,137423	0,358218	no
AN2172	ChrVII_A_nidulans_FGSC_A4:3098404-3099408	WT_5hasex	WT_veg	OK	30,5244	32,4497	0,0882428	-0,164072	0,869675	0,950104	no
AN2173	ChrVII_A_nidulans_FGSC_A4:3099802-3102324	WT_5hasex	WT_veg	OK	36,893	105,351	1,51378	-3,14776	0,00164527	0,0118672	yes
AN2175	ChrVII_A_nidulans_FGSC_A4:3109582-3111393	WT_5hasex	WT_veg	NOTEST	0,634384	0,413301	-0,618162	0,394305	0,693356	1	no
AN2177	ChrVII_A_nidulans_FGSC_A4:3115692-3117166	WT_5hasex	WT_veg	OK	32,4465	131,852	2,02278	-3,46019	0,00053979	0,00464319	yes
AN2181	ChrVII_A_nidulans_FGSC_A4:3129583-3130233	WT_5hasex	WT_veg	OK	181,757	489,937	1,43058	-2,90519	0,00367027	0,0231444	yes
AN2182	ChrVII_A_nidulans_FGSC_A4:3130548-3132534	WT_5hasex	WT_veg	OK	4,33214	10,1337	1,22601	-1,61541	0,106222	0,302217	no
AN2183	ChrVII_A_nidulans_FGSC_A4:3134615-3135653	WT_5hasex	WT_veg	OK	47,8572	31,6474	-0,596649	1,18738	0,235076	0,500263	no
AN2184	ChrVII_A_nidulans_FGSC_A4:3136325-3137610	WT_5hasex	WT_veg	OK	14,5836	35,9179	1,30035	-2,27255	0,0230535	0,0991545	no
AN2186	ChrVII_A_nidulans_FGSC_A4:3139774-3141541	WT_5hasex	WT_veg	OK	3,34423	9,14142	1,45075	-1,98533	0,0471074	0,170325	no
AN2187	ChrVII_A_nidulans_FGSC_A4:3141674-3142494	WT_5hasex	WT_veg	OK	1,18287	7,88179	2,73624	-2,95571	0,00311955	0,020204	yes
AN2188	ChrVII_A_nidulans_FGSC_A4:3143069-3144276	WT_5hasex	WT_veg	OK	16,5462	23,6454	0,515058	-0,895613	0,370459	0,645158	no
AN2189	ChrVII_A_nidulans_FGSC_A4:3144675-3145479	WT_5hasex	WT_veg	OK	25,2386	62,0049	1,29675	-2,31271	0,0207386	0,091662	no
AN2190	ChrVII_A_nidulans_FGSC_A4:3146063-3147164	WT_5hasex	WT_veg	OK	17,644	49,8077	1,4972	-2,65049	0,00803741	0,0437677	yes
AN2192	ChrVII_A_nidulans_FGSC_A4:3154110-3155581	WT_5hasex	WT_veg	NOTEST	0	1,31046	1.79769e+308	1.79769e+308	0,036343	1	no
AN2193	ChrVII_A_nidulans_FGSC_A4:3156221-3156756	WT_5hasex	WT_veg	OK	99,732	112	0,167364	-0,318798	0,749879	0,89578	no
AN2194	ChrVII_A_nidulans_FGSC_A4:3160475-3165486	WT_5hasex	WT_veg	OK	1,68844	7,82737	2,21284	-3,03856	0,00237713	0,0161251	yes
AN2195	ChrVII_A_nidulans_FGSC_A4:3166177-3172104	WT_5hasex	WT_veg	NOTEST	0,799233	1,80166	1,17264	-1,39423	0,163248	1	no
AN2196	ChrVII_A_nidulans_FGSC_A4:3174144-3176061	WT_5hasex	WT_veg	NOTEST	0,277707	1,47303	2,40715	-1,7719	0,0764117	1	no
AN2197	ChrVII_A_nidulans_FGSC_A4:3176685-3178128	WT_5hasex	WT_veg	OK	6,27829	0,119138	-5,71966	1,92879	0,0537565	0,186788	no
AN2198	ChrVII_A_nidulans_FGSC_A4:3179346-3180956	WT_5hasex	WT_veg	NOTEST	1,71588	2,0119	0,229605	-0,214721	0,829985	1	no
AN2199	ChrVII_A_nidulans_FGSC_A4:3181310-3182630	WT_5hasex	WT_veg	OK	1,66742	11,2528	2,7546	-3,0393	0,0023713	0,0160918	yes
AN2200	ChrVII_A_nidulans_FGSC_A4:3185769-3187061	WT_5hasex	WT_veg	NOTEST	1,02397	3,36357	1,71582	-1,77594	0,0757421	1	no
AN2201	ChrVII_A_nidulans_FGSC_A4:3188381-3190072	WT_5hasex	WT_veg	OK	4,65566	6,31225	0,43917	-0,526577	0,598488	0,812289	no
AN2202	ChrVII_A_nidulans_FGSC_A4:3191300-3191911	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2203	ChrVII_A_nidulans_FGSC_A4:3192851-3193561	WT_5hasex	WT_veg	OK	1,3078	5,24185	2,00293	-1,38557	0,165878	0,40442	no
AN2204	ChrVII_A_nidulans_FGSC_A4:3194047-3195052	WT_5hasex	WT_veg	OK	2,88409	8,53452	1,5652	-1,97336	0,048454	0,173755	no
AN2205	ChrVII_A_nidulans_FGSC_A4:3198153-3199030	WT_5hasex	WT_veg	OK	21,6548	92,8852	2,10077	-3,53082	0,00041427	0,00370468	yes
AN2207	ChrVII_A_nidulans_FGSC_A4:3205096-3206040	WT_5hasex	WT_veg	OK	26,9068	61,2208	1,18605	-1,96394	0,0495373	0,176445	no
AN2208	ChrVII_A_nidulans_FGSC_A4:3206281-3207658	WT_5hasex	WT_veg	OK	87,3574	982,121	3,4909	-6,92159	4,4662E-12	2,2612E-10	yes
AN2209	ChrVII_A_nidulans_FGSC_A4:3208127-3209707	WT_5hasex	WT_veg	OK	23,0735	29,2617	0,342774	-0,653115	0,513682	0,758419	no
AN2210	ChrVII_A_nidulans_FGSC_A4:3210013-3212504	WT_5hasex	WT_veg	OK	96,3391	509,573	2,40309	-4,79167	1,654E-06	2,8959E-05	yes
AN2211	ChrVII_A_nidulans_FGSC_A4:3212884-3214250	WT_5hasex	WT_veg	OK	11,4185	14,9524	0,389006	-0,650352	0,515465	0,760006	no
AN2212	ChrVII_A_nidulans_FGSC_A4:3214544-3215988	WT_5hasex	WT_veg	OK	111,015	240,049	1,11258	-2,22771	0,0259	0,108464	no
AN2213	ChrVII_A_nidulans_FGSC_A4:3216467-3218145	WT_5hasex	WT_veg	OK	176,826	302,013	0,772283	-1,5572	0,119423	0,326654	no
AN2214	ChrVII_A_nidulans_FGSC_A4:3218690-3220481	WT_5hasex	WT_veg	OK	16,7628	17,021	0,022048	-0,0418375	0,966628	0,98772	no
AN2215	ChrVII_A_nidulans_FGSC_A4:3222416-3226288	WT_5hasex	WT_veg	OK	33,877	49,0222	0,53313	-1,08355	0,278564	0,551821	no
AN2216	ChrVII_A_nidulans_FGSC_A4:3226990-3228809	WT_5hasex	WT_veg	OK	32,9704	74,0068	1,16649	-2,22879	0,025828	0,108223	no
AN2218	ChrVII_A_nidulans_FGSC_A4:3232767-3235128	WT_5hasex	WT_veg	OK	50,5179	79,4136	0,652592	-1,32884	0,183901	0,432006	no
AN2219	ChrVII_A_nidulans_FGSC_A4:3236436-3238514	WT_5hasex	WT_veg	OK	56,1023	190,493	1,7636	-3,31971	0,00090112	0,00719933	yes
AN2220	ChrVII_A_nidulans_FGSC_A4:3239171-3239936	WT_5hasex	WT_veg	OK	4,3914	27,6508	2,65457	-3,47179	0,000517	0,00447875	yes
AN2221	ChrVII_A_nidulans_FGSC_A4:3240377-3241100	WT_5hasex	WT_veg	OK	1,94718	23,9843	3,62263	-4,28374	1,8378E-05	0,0002484	yes
AN2222	ChrVII_A_nidulans_FGSC_A4:3243890-3245386	WT_5hasex	WT_veg	OK	44,6531	95,2554	1,09304	-2,18059	0,0292138	0,118856	no
AN2223	ChrVII_A_nidulans_FGSC_A4:3245809-3248607	WT_5hasex	WT_veg	OK	13,0351	12,0009	-0,119264	0,231833	0,816668	0,926647	no
AN2225	ChrVII_A_nidulans_FGSC_A4:3251697-3252945	WT_5hasex	WT_veg	OK	216,555	512,042	1,24153	-2,51009	0,01207	0,0604389	no
AN2226	ChrVII_A_nidulans_FGSC_A4:3253350-3260691	WT_5hasex	WT_veg	OK	11,2056	21,8	0,960107	-2,501408	0,0440009	0,161772	no
AN2228	ChrVII_A_nidulans_FGSC_A4:3264627-3265964	WT_5hasex	WT_veg	OK	31,9881	13,3409	-1,26168	2,12849	0,0332968	0,131516	no
AN2230	ChrVII_A_nidulans_FGSC_A4:3269390-3270953	WT_5hasex	WT_veg	OK	9,10674	16,6012	0,866278	-1,28115	0,20014	0,454645	no
AN2231	ChrVII_A_nidulans_FGSC_A4:3272170-3274045	WT_5hasex	WT_veg	OK	15,1312	16,8495	0,155178	-0,294121	0,768665	0,905112	no
AN2232	ChrVII_A_nidulans_FGSC_A4:3274861-3276894	WT_5hasex	WT_veg	OK	39,5283	77,9242	0,979185	-2,01933	0,0434528	0,160349	no
AN2234	ChrVII_A_nidulans_FGSC_A4:3279098-3281039	WT_5hasex	WT_veg	OK	19,442	10,5337	-0,884164	1,68287	0,0923998	0,27402	no

Supplementary table 1

AN2235	ChrVII_A_nidulans_FGSC_A4:3281264-3282207	WT_5hasex	WT_veg	OK	21,4659	59,2142	1,4639	-2,52787	0,0114757	0,0581016	no
AN2236	ChrVII_A_nidulans_FGSC_A4:3285758-3287709	WT_5hasex	WT_veg	OK	23,6761	59,6219	1,33241	-2,66809	0,00762838	0,0419677	yes
AN2237	ChrVII_A_nidulans_FGSC_A4:3288498-3290539	WT_5hasex	WT_veg	OK	86,3059	65,4465	-0,399144	0,678488	0,497463	0,747985	no
AN2238	ChrVII_A_nidulans_FGSC_A4:3291017-3292741	WT_5hasex	WT_veg	OK	359,954	789,204	1,13259	-2,01738	0,0436563	0,160832	no
AN2240	ChrVII_A_nidulans_FGSC_A4:3296942-3298930	WT_5hasex	WT_veg	OK	20,6276	18,8448	-0,130407	0,244521	0,806828	0,922518	no
AN2241	ChrVII_A_nidulans_FGSC_A4:3299043-3300795	WT_5hasex	WT_veg	OK	2,1283	6,29711	1,56499	-2,11002	0,0348568	0,136199	no
AN2242	ChrVII_A_nidulans_FGSC_A4:3301049-3301887	WT_5hasex	WT_veg	OK	12,5869	26,8678	1,09395	-1,65615	0,0976916	0,284576	no
AN2244	ChrVII_A_nidulans_FGSC_A4:3304553-3306322	WT_5hasex	WT_veg	OK	57,0982	159,408	1,4812	-3,05614	0,00224205	0,0153664	yes
AN2245	ChrVII_A_nidulans_FGSC_A4:3306476-3307859	WT_5hasex	WT_veg	OK	41,1471	134,166	1,70516	-3,49312	0,0004774	0,00418622	yes
AN2246	ChrVII_A_nidulans_FGSC_A4:3308033-3313144	WT_5hasex	WT_veg	OK	32,1754	22,2627	-0,531332	1,05124	0,293149	0,568044	no
AN2247	ChrVII_A_nidulans_FGSC_A4:3313516-3315873	WT_5hasex	WT_veg	OK	30,2024	46,5578	0,62436	-1,28769	0,197853	0,451608	no
AN2249	ChrVII_A_nidulans_FGSC_A4:3324238-3326021	WT_5hasex	WT_veg	OK	68,5681	160,943	1,23094	-2,31255	0,0207473	0,0916774	no
AN2250	ChrVII_A_nidulans_FGSC_A4:3328419-3329408	WT_5hasex	WT_veg	OK	1,07032	5,05115	2,23857	-2,09713	0,0359818	0,139565	no
AN2252	ChrVII_A_nidulans_FGSC_A4:3334068-3334827	WT_5hasex	WT_veg	OK	7,01567	25,3531	1,85351	-2,60868	0,0090892	0,0482957	yes
AN2253	ChrVII_A_nidulans_FGSC_A4:3334957-3335517	WT_5hasex	WT_veg	OK	3,81785	13,6232	1,83524	-2,19008	0,0285184	0,116551	no
AN2254	ChrVII_A_nidulans_FGSC_A4:3336358-3338340	WT_5hasex	WT_veg	NOTEST	0,689743	0,171324	-2,00933	0,660281	0,509074	1	no
AN2255	ChrVII_A_nidulans_FGSC_A4:3343575-3349312	WT_5hasex	WT_veg	OK	4,38782	8,65761	0,980466	-1,80213	0,0715244	0,228929	no
AN2256	ChrVII_A_nidulans_FGSC_A4:3349772-3352636	WT_5hasex	WT_veg	OK	4,35578	31,9929	2,87675	-4,77919	1,76E-06	3,06E-05	yes
AN2257	ChrVII_A_nidulans_FGSC_A4:3353105-3354978	WT_5hasex	WT_veg	OK	34,5236	117,055	1,76153	-3,4344	0,00059387	0,00504374	yes
AN2258	ChrVII_A_nidulans_FGSC_A4:3355119-3357744	WT_5hasex	WT_veg	OK	5,38859	17,8343	1,72668	-2,92014	0,00349871	0,0222607	yes
AN2259	ChrVII_A_nidulans_FGSC_A4:3358155-3361857	WT_5hasex	WT_veg	OK	17,2651	24,7016	0,516749	-1,02104	0,307233	0,583231	no
AN2260	ChrVII_A_nidulans_FGSC_A4:3362036-3362986	WT_5hasex	WT_veg	OK	261,021	388,397	0,573366	-1,18612	0,235576	0,500898	no
AN2261	ChrVII_A_nidulans_FGSC_A4:3363227-3364948	WT_5hasex	WT_veg	OK	16,6291	55,6319	1,7422	-3,24219	0,00118616	0,0090397	yes
AN2262	ChrVII_A_nidulans_FGSC_A4:3365098-3366836	WT_5hasex	WT_veg	OK	19,8282	109,563	2,46613	-4,73494	2,1913E-06	3,7209E-05	yes
AN2263	ChrVII_A_nidulans_FGSC_A4:3367219-3369371	WT_5hasex	WT_veg	OK	16,982	130,053	2,93702	-5,75033	8,9067E-09	2,6074E-07	yes
AN2265	ChrVII_A_nidulans_FGSC_A4:3376029-3378061	WT_5hasex	WT_veg	OK	236,324	411,868	0,801414	-1,52482	0,127304	0,340396	no
AN2267	ChrVII_A_nidulans_FGSC_A4:3386721-3389233	WT_5hasex	WT_veg	OK	44,1679	77,6133	0,813306	-1,70163	0,0888257	0,266756	no
AN2268	ChrVII_A_nidulans_FGSC_A4:3389847-3391367	WT_5hasex	WT_veg	OK	76,3845	179,045	1,22897	-2,49752	0,0125065	0,0621494	no
AN2271	ChrVII_A_nidulans_FGSC_A4:3401575-3404692	WT_5hasex	WT_veg	OK	20,2347	34,7687	0,780958	-1,57793	0,114581	0,317553	no
AN2272	ChrVII_A_nidulans_FGSC_A4:3405303-3407198	WT_5hasex	WT_veg	OK	319,113	283,602	-0,1702	0,327241	0,743485	0,892148	no
AN2273	ChrVII_A_nidulans_FGSC_A4:3407403-3408178	WT_5hasex	WT_veg	OK	88,4205	125,195	0,501729	-1,00482	0,314984	0,591161	no
AN2274	ChrVII_A_nidulans_FGSC_A4:3408650-3410677	WT_5hasex	WT_veg	OK	19,0057	45,5984	1,26255	-2,43372	0,0149447	0,0713058	no
AN2275	ChrVII_A_nidulans_FGSC_A4:3411846-3413164	WT_5hasex	WT_veg	OK	1122,55	1758,88	0,647876	-1,08511	0,277875	0,551227	no
AN2276	ChrVII_A_nidulans_FGSC_A4:3413766-3414447	WT_5hasex	WT_veg	OK	14,143	29,7998	1,07522	-1,67846	0,0932568	0,275719	no
AN2277	ChrVII_A_nidulans_FGSC_A4:3415953-3417693	WT_5hasex	WT_veg	OK	227,659	493,413	1,11592	-2,17666	0,0295062	0,119804	no
AN2278	ChrVII_A_nidulans_FGSC_A4:3418614-3423392	WT_5hasex	WT_veg	OK	39,6804	108,599	1,45251	-2,94326	0,00324777	0,0208771	yes
AN2279	ChrVII_A_nidulans_FGSC_A4:3423735-3425186	WT_5hasex	WT_veg	OK	936,631	2486,69	1,40868	-2,49171	0,0127129	0,0629541	no
AN2280	ChrVII_A_nidulans_FGSC_A4:3425425-3426162	WT_5hasex	WT_veg	OK	19,6869	24,285	0,302833	-0,459127	0,646143	0,839402	no
AN2282	ChrVII_A_nidulans_FGSC_A4:3429998-3432203	WT_5hasex	WT_veg	OK	21,2522	29,7103	0,483353	-0,926796	0,354033	0,629629	no
AN2283	ChrVII_A_nidulans_FGSC_A4:3433293-3434931	WT_5hasex	WT_veg	OK	30,1867	247,684	3,03651	-6,04261	1,5165E-09	5,1534E-08	yes
AN2285	ChrVII_A_nidulans_FGSC_A4:3438340-3443541	WT_5hasex	WT_veg	OK	20,6158	50,8713	1,3031	-2,71419	0,00664379	0,0375564	yes
AN2287	ChrVII_A_nidulans_FGSC_A4:3447439-3449806	WT_5hasex	WT_veg	OK	451,783	167,969	-1,42744	2,66181	0,00777225	0,0425893	yes
AN2288	ChrVII_A_nidulans_FGSC_A4:3450169-3452841	WT_5hasex	WT_veg	OK	41,5215	58,6926	0,49932	-1,00915	0,312904	0,589	no
AN2289	ChrVII_A_nidulans_FGSC_A4:3453438-3455537	WT_5hasex	WT_veg	OK	35,9901	42,0637	0,224974	-0,460298	0,645302	0,838814	no
AN2291	ChrVII_A_nidulans_FGSC_A4:3463117-3464585	WT_5hasex	WT_veg	OK	10,2698	20,934	1,02744	-1,68436	0,0921128	0,27337	no
AN2292	ChrVII_A_nidulans_FGSC_A4:3466872-3467835	WT_5hasex	WT_veg	OK	20,5223	64,2973	1,64757	-2,82835	0,00467883	0,0282093	yes
AN2293	ChrVII_A_nidulans_FGSC_A4:3468061-3469063	WT_5hasex	WT_veg	OK	58,3078	107,95	0,888608	-1,76461	0,0776297	0,242758	no
AN2294	ChrVII_A_nidulans_FGSC_A4:3470786-3472636	WT_5hasex	WT_veg	OK	15,3354	78,8378	2,36203	-4,45451	8,4087E-06	0,00012322	yes
AN2295	ChrVII_A_nidulans_FGSC_A4:3472842-3474573	WT_5hasex	WT_veg	OK	245,912	341,809	0,475047	-0,943949	0,345196	0,620537	no
AN2296	ChrVII_A_nidulans_FGSC_A4:3475075-3478037	WT_5hasex	WT_veg	OK	13,7738	24,8323	0,850292	-1,67082	0,0947574	0,278763	no
AN2297	ChrVII_A_nidulans_FGSC_A4:3478837-3480293	WT_5hasex	WT_veg	OK	29,164	53,3827	0,872183	-1,71526	0,0862979	0,261675	no
AN2298	ChrVII_A_nidulans_FGSC_A4:3480765-3482983	WT_5hasex	WT_veg	OK	39,7909	50,8878	0,354879	-0,713388	0,475606	0,731925	no
AN2299	ChrVII_A_nidulans_FGSC_A4:3483548-3485353	WT_5hasex	WT_veg	OK	106,881	164,43	0,62147	-1,25432	0,209726	0,46772	no

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AN2301	ChrVII_A_nidulans_FGSC_A4:3493493-3494689	WT_5hasex	WT_veg	OK	1870,77	2795,34	0,579391	-0,950464	0,341877	0,61744	no
AN2303	ChrVII_A_nidulans_FGSC_A4:3497097-3499004	WT_5hasex	WT_veg	OK	39,3647	83,1881	1,07947	-2,15294	0,0313232	0,125528	no
AN2304	ChrVII_A_nidulans_FGSC_A4:3499748-3501437	WT_5hasex	WT_veg	OK	177,669	279,328	0,652768	-1,33106	0,183168	0,430884	no
AN2305	ChrVII_A_nidulans_FGSC_A4:3503200-3504412	WT_5hasex	WT_veg	OK	22,2121	31,127	0,486821	-0,829454	0,406847	0,677114	no
AN2306	ChrVII_A_nidulans_FGSC_A4:3506054-3507448	WT_5hasex	WT_veg	OK	392,284	488,278	0,315803	-0,589517	0,555514	0,785654	no
AN2307	ChrVII_A_nidulans_FGSC_A4:3507835-3508304	WT_5hasex	WT_veg	OK	58,3938	85,9468	0,557629	-1,02649	0,30466	0,580664	no
AN2308	ChrVII_A_nidulans_FGSC_A4:3509014-3511908	WT_5hasex	WT_veg	OK	22,0405	20,4492	-0,108108	0,216838	0,828335	0,931648	no
AN2309	ChrVII_A_nidulans_FGSC_A4:3511977-3512569	WT_5hasex	WT_veg	OK	14,0202	38,9337	1,47352	-2,16594	0,0303154	0,122274	no
AN2311	ChrVII_A_nidulans_FGSC_A4:3519999-3522151	WT_5hasex	WT_veg	OK	118,157	452,639	1,93766	-3,94767	7,8916E-05	0,00089201	yes
AN2312	ChrVII_A_nidulans_FGSC_A4:3523544-3524172	WT_5hasex	WT_veg	OK	120,859	584,793	2,27461	-4,55295	5,2898E-06	8,1456E-05	yes
AN2313	ChrVII_A_nidulans_FGSC_A4:3524601-3526076	WT_5hasex	WT_veg	OK	50,4257	146,979	1,54338	-3,19286	0,00140873	0,0104193	yes
AN2314	ChrVII_A_nidulans_FGSC_A4:3528856-3531636	WT_5hasex	WT_veg	OK	224,385	1140,06	2,34506	-3,86119	0,00011284	0,00121963	yes
AN2315	ChrVII_A_nidulans_FGSC_A4:3531860-3534272	WT_5hasex	WT_veg	OK	1066,08	1812,19	0,765421	-1,20295	0,228996	0,492099	no
AN2316	ChrVII_A_nidulans_FGSC_A4:3535097-3536285	WT_5hasex	WT_veg	OK	784,452	1012,84	0,368645	-0,657412	0,510916	0,756658	no
AN2317	ChrVII_A_nidulans_FGSC_A4:3536571-3537857	WT_5hasex	WT_veg	OK	660,383	1103,07	0,740155	-1,37277	0,169823	0,41055	no
AN2318	ChrVII_A_nidulans_FGSC_A4:3538750-3540820	WT_5hasex	WT_veg	OK	32,6276	41,0985	0,332993	-0,656087	0,511768	0,757198	no
AN2319	ChrVII_A_nidulans_FGSC_A4:3544294-3546460	WT_5hasex	WT_veg	OK	347,535	43,8455	-2,98666	4,87267	1,101E-06	1,9984E-05	yes
AN2320	ChrVII_A_nidulans_FGSC_A4:3547626-3549244	WT_5hasex	WT_veg	OK	4,60297	8,30236	0,850954	-1,23223	0,217862	0,478415	no
AN2321	ChrVII_A_nidulans_FGSC_A4:3549721-3551345	WT_5hasex	WT_veg	NOTEST	1,18607	1,87584	0,661351	-0,699857	0,484017	1	no
AN2322	ChrVII_A_nidulans_FGSC_A4:3553699-3554949	WT_5hasex	WT_veg	NOTEST	0,8535	3,09396	1,85799	-1,82733	0,0676507	1	no
AN2323	ChrVII_A_nidulans_FGSC_A4:3557778-3558201	WT_5hasex	WT_veg	OK	2,96665	4,814	0,698403	-0,612248	0,540374	0,775884	no
AN2324	ChrVII_A_nidulans_FGSC_A4:3558762-3561714	WT_5hasex	WT_veg	OK	2,20716	5,55275	1,33101	-1,8335	0,0667287	0,217891	no
AN2325	ChrVII_A_nidulans_FGSC_A4:3561793-3564352	WT_5hasex	WT_veg	OK	10,6509	3,8582	-1,46498	2,48735	0,0128697	0,0635745	no
AN2326	ChrVII_A_nidulans_FGSC_A4:3565747-3568841	WT_5hasex	WT_veg	OK	8,62522	34,4849	1,99933	-3,16996	0,0015246	0,0111379	yes
AN2328	ChrVII_A_nidulans_FGSC_A4:3573349-3574069	WT_5hasex	WT_veg	OK	16,6624	28,1912	0,758651	-1,20891	0,226698	0,489551	no
AN2331	ChrVII_A_nidulans_FGSC_A4:3582340-3583751	WT_5hasex	WT_veg	OK	7,10548	22,3574	1,65375	-2,55912	0,0104937	0,0541122	no
AN2332	ChrVII_A_nidulans_FGSC_A4:3585628-3586918	WT_5hasex	WT_veg	OK	216,514	616,045	1,50858	-2,9826	0,00285814	0,0187591	yes
AN2333	ChrVII_A_nidulans_FGSC_A4:3587255-3588454	WT_5hasex	WT_veg	OK	27,6058	20,3155	-0,442389	0,759052	0,447822	0,710721	no
AN2334	ChrVII_A_nidulans_FGSC_A4:3592476-3593441	WT_5hasex	WT_veg	OK	7,2558	17,7146	1,28773	-1,79824	0,0721387	0,230402	no
AN2335	ChrVII_A_nidulans_FGSC_A4:3594077-3595555	WT_5hasex	WT_veg	OK	3,81716	14,9582	1,97036	-2,8322	0,00462296	0,027935	yes
AN2336	ChrVII_A_nidulans_FGSC_A4:3596931-3598364	WT_5hasex	WT_veg	OK	175,415	23,2292	-2,91676	5,3943	6,879E-08	1,6619E-06	yes
AN2337	ChrVII_A_nidulans_FGSC_A4:3602255-3603078	WT_5hasex	WT_veg	OK	378,456	919,91	1,28137	-2,55308	0,0106775	0,0548604	no
AN2338	ChrVII_A_nidulans_FGSC_A4:3603271-3604382	WT_5hasex	WT_veg	OK	16,5895	26,8851	0,696536	-1,2081	0,227007	0,489879	no
AN2339	ChrVII_A_nidulans_FGSC_A4:3608003-3608897	WT_5hasex	WT_veg	NOTEST	0,44754	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN2342	ChrVII_A_nidulans_FGSC_A4:3617557-3618712	WT_5hasex	WT_veg	NOTEST	0,865948	1,86641	1,10791	-0,955321	0,339415	1	no
AN2343	ChrVII_A_nidulans_FGSC_A4:3618847-3619634	WT_5hasex	WT_veg	OK	349,333	663,002	0,924409	-1,57444	0,115386	0,319007	no
AN2344	ChrVII_A_nidulans_FGSC_A4:3622550-3624119	WT_5hasex	WT_veg	NOTEST	0,303412	0,548264	0,853594	-0,474128	0,635408	1	no
AN2346	ChrVII_A_nidulans_FGSC_A4:3631598-3633347	WT_5hasex	WT_veg	NOTEST	0,405414	1,02967	1,34472	-1,11316	0,265638	1	no
AN2349	ChrVII_A_nidulans_FGSC_A4:3645278-3649355	WT_5hasex	WT_veg	OK	5,2803	4,0269	-0,390952	0,669535	0,503154	0,75194	no
AN2351	ChrVII_A_nidulans_FGSC_A4:3654323-3655385	WT_5hasex	WT_veg	NOTEST	1,62991	0,174102	-3,22679	1,07576	0,282037	1	no
AN2352	ChrVII_A_nidulans_FGSC_A4:3656318-3656990	WT_5hasex	WT_veg	OK	19,1798	22,583	0,235645	-0,37723	0,706003	0,872793	no
AN2353	ChrVII_A_nidulans_FGSC_A4:3657543-3659180	WT_5hasex	WT_veg	OK	4,84154	14,7894	1,61103	-2,19903	0,0278758	0,114568	no
AN2354	ChrVII_A_nidulans_FGSC_A4:3660016-3662373	WT_5hasex	WT_veg	OK	5,68522	6,49206	0,191459	-0,282207	0,777785	0,909095	no
AN2355	ChrVII_A_nidulans_FGSC_A4:3666522-3667484	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2356	ChrVII_A_nidulans_FGSC_A4:3669446-3670672	WT_5hasex	WT_veg	NOTEST	0,391276	0	-1.79769e+308	-1.79769e+308	0,122325	1	no
AN2358	ChrVII_A_nidulans_FGSC_A4:3675781-3677565	WT_5hasex	WT_veg	OK	10,1067	95,8947	3,24613	-5,08409	3,6938E-07	7,5493E-06	yes
AN2360	ChrVII_A_nidulans_FGSC_A4:3681578-3683122	WT_5hasex	WT_veg	OK	29,9654	13,7902	-1,11965	2,07621	0,0378745	0,14485	no
AN2361	ChrVII_A_nidulans_FGSC_A4:3683769-3684536	WT_5hasex	WT_veg	OK	9,08288	10,7097	0,237693	-0,328352	0,742645	0,891835	no
AN2362	ChrVII_A_nidulans_FGSC_A4:3685009-3686977	WT_5hasex	WT_veg	OK	18,8163	37,5986	0,998699	-1,867	0,0619017	0,206531	no
AN2363	ChrVII_A_nidulans_FGSC_A4:3688354-3692271	WT_5hasex	WT_veg	OK	21,5762	38,9132	0,850821	-1,7805	0,0749944	0,236653	no
AN2364	ChrVII_A_nidulans_FGSC_A4:3693259-3695573	WT_5hasex	WT_veg	OK	8,33251	22,3816	1,42549	-2,51247	0,011989	0,060131	no
AN2365	ChrVII_A_nidulans_FGSC_A4:3696474-3697735	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2366	ChrVII_A_nidulans_FGSC_A4:3702268-3703084	WT_5hasex	WT_veg	OK	837,374	713,272	-0,23142	0,320378	0,748682	0,894966	no

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AN2367	ChrVII_A_nidulans_FGSC_A4:3703225-3705043	WT_5hasex	WT_veg	OK	1,90251	15,3164	3,00911	-4,04983	5,1255E-05	0,00061155	yes
AN2368	ChrVII_A_nidulans_FGSC_A4:3705605-3707367	WT_5hasex	WT_veg	NOTEST	0,561634	0,654954	0,221762	-0,155155	0,876699	1	no
AN2369	ChrVII_A_nidulans_FGSC_A4:3708107-3708925	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2370	ChrVII_A_nidulans_FGSC_A4:3710929-3711838	WT_5hasex	WT_veg	OK	9,5099	23,3522	1,29605	-1,95102	0,0510551	0,180319	no
AN2371	ChrVII_A_nidulans_FGSC_A4:3713870-3715039	WT_5hasex	WT_veg	NOTEST	1,20798	1,19906	-0,0106918	0,00716146	0,994286	1	no
AN2372	ChrVII_A_nidulans_FGSC_A4:3716250-3718934	WT_5hasex	WT_veg	NOTEST	0,287071	0,603753	1,07255	-0,702861	0,482142	1	no
AN2373	ChrVII_A_nidulans_FGSC_A4:3719050-3720952	WT_5hasex	WT_veg	OK	0,328993	6,28984	4,2569	-3,9685	7,2325E-05	0,00082661	yes
AN2374	ChrVII_A_nidulans_FGSC_A4:3725186-3726238	WT_5hasex	WT_veg	OK	27,6053	27,28	-0,0171022	0,0296549	0,976342	0,991729	no
AN2375	ChrVII_A_nidulans_FGSC_A4:3727085-3729112	WT_5hasex	WT_veg	OK	14,1183	15,5084	0,135483	-0,219851	0,825987	0,930725	no
AN2376	ChrVII_A_nidulans_FGSC_A4:3729633-3731432	WT_5hasex	WT_veg	NOTEST	0,336471	0,484568	0,526218	-0,335654	0,737132	1	no
AN2377	ChrVII_A_nidulans_FGSC_A4:3731831-3734608	WT_5hasex	WT_veg	NOTEST	0,254845	0,48645	0,93267	-0,679412	0,496877	1	no
AN2378	ChrVII_A_nidulans_FGSC_A4:3735283-3736403	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2379	ChrVII_A_nidulans_FGSC_A4:3736648-3738677	WT_5hasex	WT_veg	NOTEST	0,08753	1,22429	3,80603	-2,35775	0,018386	1	no
AN2380	ChrVII_A_nidulans_FGSC_A4:3739007-3739849	WT_5hasex	WT_veg	NOTEST	1,09855	3,61394	1,71798	-1,41561	0,15689	1	no
AN2381	ChrVII_A_nidulans_FGSC_A4:3740769-3741351	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2382	ChrVII_A_nidulans_FGSC_A4:3742065-3742641	WT_5hasex	WT_veg	OK	1,92716	4,57246	1,24649	-1,13075	0,25816	0,528077	no
AN2383	ChrVII_A_nidulans_FGSC_A4:3744166-3746320	WT_5hasex	WT_veg	OK	4,82306	7,24212	0,586464	-0,840778	0,400472	0,672516	no
AN2384	ChrVII_A_nidulans_FGSC_A4:3747452-3749475	WT_5hasex	WT_veg	OK	0,686648	7,24194	3,39873	-3,50338	0,0004594	0,00405071	yes
AN2386	ChrVII_A_nidulans_FGSC_A4:3760178-3761664	WT_5hasex	WT_veg	OK	23,3202	12,3592	-0,915991	1,58846	0,112182	0,313071	no
AN2387	ChrVII_A_nidulans_FGSC_A4:3762207-3763948	WT_5hasex	WT_veg	OK	32,3448	22,0269	-0,554271	1,10142	0,270715	0,542948	no
AN2388	ChrVII_A_nidulans_FGSC_A4:3764761-3766203	WT_5hasex	WT_veg	OK	104,402	175,222	0,747034	-1,20876	0,226756	0,489575	no
AN2389	ChrVII_A_nidulans_FGSC_A4:3769144-3770492	WT_5hasex	WT_veg	OK	15,1686	23,8242	0,651335	-1,08791	0,276637	0,549811	no
AN2390	ChrVII_A_nidulans_FGSC_A4:3772153-3773304	WT_5hasex	WT_veg	OK	18,1996	14,3428	-0,343579	0,540661	0,588742	0,8064	no
AN2391	ChrVII_A_nidulans_FGSC_A4:3773544-3777472	WT_5hasex	WT_veg	OK	30,5366	47,2744	0,630518	-1,28045	0,200385	0,455044	no
AN2392	ChrVII_A_nidulans_FGSC_A4:3782043-3783654	WT_5hasex	WT_veg	NOTEST	0,82695	2,15751	1,38349	-1,30275	0,19266	1	no
AN2393	ChrVII_A_nidulans_FGSC_A4:3787333-3788277	WT_5hasex	WT_veg	OK	12,6256	20,8634	0,724619	-1,13718	0,255463	0,524805	no
AN2394	ChrVII_A_nidulans_FGSC_A4:3788782-3790152	WT_5hasex	WT_veg	OK	2,41191	0	-1.79769e+308	-1.79769e+308	0,0151365	0,0720084	no
AN2395	ChrVII_A_nidulans_FGSC_A4:3791716-3794113	WT_5hasex	WT_veg	OK	16,7764	11,6365	-0,52777	1,00465	0,315064	0,591205	no
AN2396	ChrVII_A_nidulans_FGSC_A4:3795279-3796412	WT_5hasex	WT_veg	OK	19,8607	26,2257	0,401062	-0,70726	0,479405	0,73462	no
AN2397	ChrVII_A_nidulans_FGSC_A4:3796931-3799340	WT_5hasex	WT_veg	OK	5,13981	13,0244	1,34143	-2,20105	0,0277325	0,114105	no
AN2398	ChrVII_A_nidulans_FGSC_A4:3799483-3801027	WT_5hasex	WT_veg	OK	4,47918	5,48341	0,291837	-0,384226	0,700811	0,869843	no
AN2399	ChrVII_A_nidulans_FGSC_A4:3802222-3802843	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2400	ChrVII_A_nidulans_FGSC_A4:3803123-3804149	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2402	ChrVII_A_nidulans_FGSC_A4:3809315-3810204	WT_5hasex	WT_veg	NOTEST	0,280514	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN2404	ChrVII_A_nidulans_FGSC_A4:3817953-3819255	WT_5hasex	WT_veg	OK	365,138	2327,71	2,6724	-4,88565	1,0309E-06	1,8839E-05	yes
AN2405	ChrVII_A_nidulans_FGSC_A4:3821206-3822106	WT_5hasex	WT_veg	OK	68,8814	61,9878	-0,152131	0,307327	0,758595	0,900199	no
AN2406	ChrVII_A_nidulans_FGSC_A4:3823214-3824078	WT_5hasex	WT_veg	OK	182,672	164,661	-0,149756	0,305427	0,760041	0,900749	no
AN2407	ChrVII_A_nidulans_FGSC_A4:3825982-3828440	WT_5hasex	WT_veg	OK	3,96147	4,93129	0,315929	-0,396197	0,69196	0,864859	no
AN2408	ChrVII_A_nidulans_FGSC_A4:3831760-3834097	WT_5hasex	WT_veg	OK	7,79065	29,9639	1,94341	-3,41045	0,00064855	0,00542984	yes
AN2410	ChrVII_A_nidulans_FGSC_A4:3840423-3842171	WT_5hasex	WT_veg	OK	55,5512	153,625	1,46752	-3,06128	0,00220395	0,0151576	yes
AN2411	ChrVII_A_nidulans_FGSC_A4:3842448-3844072	WT_5hasex	WT_veg	NOTEST	0,568431	0,693912	0,287767	-0,186682	0,85191	1	no
AN2413	ChrVII_A_nidulans_FGSC_A4:3850757-3853555	WT_5hasex	WT_veg	OK	33,4515	52,3821	0,647004	-1,11753	0,26377	0,534726	no
AN2414	ChrVII_A_nidulans_FGSC_A4:3850757-3853555	WT_5hasex	WT_veg	OK	140,538	224,044	0,672817	-1,31539	0,188379	0,438282	no
AN2415	ChrVII_A_nidulans_FGSC_A4:3853854-3855096	WT_5hasex	WT_veg	OK	31,2082	169,48	2,44112	-4,59049	4,4221E-06	6,9255E-05	yes
AN2416	ChrVII_A_nidulans_FGSC_A4:3855320-3856840	WT_5hasex	WT_veg	OK	62,0386	120,033	0,952191	-1,92928	0,0536962	0,18664	no
AN2417	ChrVII_A_nidulans_FGSC_A4:3857300-3860586	WT_5hasex	WT_veg	OK	8,08824	12,6123	0,640936	-1,17849	0,238601	0,50414	no
AN2419	ChrVII_A_nidulans_FGSC_A4:3863391-3865091	WT_5hasex	WT_veg	OK	86,699	222,885	1,36221	-2,82646	0,00470651	0,0283418	yes
AN2420	ChrVII_A_nidulans_FGSC_A4:3866482-3870208	WT_5hasex	WT_veg	OK	33,5777	67,5668	1,00881	-2,11546	0,0343912	0,134933	no
AN2422	ChrVII_A_nidulans_FGSC_A4:3883269-3885605	WT_5hasex	WT_veg	OK	4,56562	27,974	2,61521	-4,12534	3,7019E-05	0,000461	yes
AN2423	ChrVII_A_nidulans_FGSC_A4:3886476-3887301	WT_5hasex	WT_veg	OK	5,85784	32,4515	2,46985	-3,31262	0,00092428	0,00735631	yes
AN2424	ChrVII_A_nidulans_FGSC_A4:3903089-3906191	WT_5hasex	WT_veg	OK	3,84885	10,9063	1,50266	-2,28672	0,0222125	0,0963877	no
AN2425	ChrVII_A_nidulans_FGSC_A4:3914376-3917206	WT_5hasex	WT_veg	OK	161,995	414,481	1,35535	-2,3668	0,0179427	0,0819879	no
AN2427	ChrVII_A_nidulans_FGSC_A4:3920651-3922093	WT_5hasex	WT_veg	OK	93,7984	88,3759	-0,0859108	0,158513	0,874052	0,951771	no

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AN2429	ChrVII_A_nidulans_FGSC_A4:3928901-3931435	WT_5hasex	WT_veg	OK	3,08072	4,76205	0,628316	-0,928225	0,353291	0,628838	no
AN2430	ChrVII_A_nidulans_FGSC_A4:3932420-3933971	WT_5hasex	WT_veg	OK	10,5539	27,7625	1,39535	-2,33184	0,0197089	0,0881141	no
AN2432	ChrVII_A_nidulans_FGSC_A4:3936950-3937960	WT_5hasex	WT_veg	OK	388,794	642,714	0,72517	-1,3301	0,183485	0,431301	no
AN2433	ChrVII_A_nidulans_FGSC_A4:3938165-3939683	WT_5hasex	WT_veg	OK	48,0234	68,6139	0,514763	-1,0536	0,292066	0,566825	no
AN2434	ChrVII_A_nidulans_FGSC_A4:3939852-3941113	WT_5hasex	WT_veg	OK	28,729	67,1683	1,22527	-2,37449	0,017573	0,0807064	no
AN2437	ChrVII_A_nidulans_FGSC_A4:3950531-3951362	WT_5hasex	WT_veg	OK	9,07849	21,1054	1,21709	-1,7861	0,0740824	0,234594	no
AN2438	ChrVII_A_nidulans_FGSC_A4:3951519-3952700	WT_5hasex	WT_veg	OK	44,909	55,2742	0,299601	-0,595045	0,551814	0,783161	no
AN2440	ChrVII_A_nidulans_FGSC_A4:3954206-3955246	WT_5hasex	WT_veg	OK	116,058	250,833	1,11188	-2,30678	0,021067	0,0927846	no
AN2441	ChrVII_A_nidulans_FGSC_A4:3955717-3957544	WT_5hasex	WT_veg	OK	52,3765	72,6814	0,472666	-0,975209	0,329457	0,605974	no
AN2442	ChrVII_A_nidulans_FGSC_A4:3957966-3960985	WT_5hasex	WT_veg	OK	29,3602	32,4366	0,143759	-0,295597	0,767538	0,904491	no
AN2443	ChrVII_A_nidulans_FGSC_A4:3961483-3962000	WT_5hasex	WT_veg	OK	5,93398	11,1409	0,908794	-1,05889	0,289651	0,564395	no
AN2444	ChrVII_A_nidulans_FGSC_A4:3962225-3962714	WT_5hasex	WT_veg	OK	3,24234	11,579	1,8364	-1,98732	0,046887	0,169794	no
AN2445	ChrVII_A_nidulans_FGSC_A4:3963237-3964131	WT_5hasex	WT_veg	OK	56,3436	51,3126	-0,134941	0,259958	0,794896	0,916665	no
AN2446	ChrVII_A_nidulans_FGSC_A4:3965033-3965740	WT_5hasex	WT_veg	OK	68,6573	148,646	1,1144	-2,20461	0,0274811	0,113346	no
AN2447	ChrVII_A_nidulans_FGSC_A4:3966818-3968446	WT_5hasex	WT_veg	OK	32,6073	41,0942	0,33374	-0,667411	0,50451	0,752728	no
AN2448	ChrVII_A_nidulans_FGSC_A4:3968804-3969957	WT_5hasex	WT_veg	OK	14,1638	20,2263	0,514023	-0,760625	0,446881	0,710051	no
AN2450	ChrVII_A_nidulans_FGSC_A4:3975098-3977785	WT_5hasex	WT_veg	OK	59,4297	129,332	1,12182	-2,34141	0,0192109	0,0862952	no
AN2451	ChrVII_A_nidulans_FGSC_A4:3978779-3980204	WT_5hasex	WT_veg	OK	9,79411	49,7244	2,34397	-3,82585	0,00013032	0,00138355	yes
AN2452	ChrVII_A_nidulans_FGSC_A4:3980558-3981327	WT_5hasex	WT_veg	OK	8,24024	19,1774	1,21865	-1,75038	0,0800528	0,24796	no
AN2455	ChrVII_A_nidulans_FGSC_A4:3990102-3991715	WT_5hasex	WT_veg	OK	96,7924	271,378	1,48734	-2,80029	0,00510566	0,0302415	yes
AN2456	ChrVII_A_nidulans_FGSC_A4:3992016-3995630	WT_5hasex	WT_veg	OK	14,0145	29,5511	1,07629	-2,17205	0,0298517	0,120916	no
AN2457	ChrVII_A_nidulans_FGSC_A4:3995632-3998028	WT_5hasex	WT_veg	OK	9,03878	13,6433	0,593993	-1,04869	0,294322	0,569075	no
AN2460	ChrVII_A_nidulans_FGSC_A4:4009960-4012020	WT_5hasex	WT_veg	OK	11,5521	25,9872	1,16965	-2,16028	0,0307512	0,123689	no
AN2465	ChrVII_A_nidulans_FGSC_A4:4030525-4032207	WT_5hasex	WT_veg	NOTEST	1,72614	1,86741	0,113488	-0,128585	0,897686	1	no
AN2466	ChrVII_A_nidulans_FGSC_A4:4036497-4038647	WT_5hasex	WT_veg	OK	28,8692	63,0349	1,12662	-2,19289	0,0283153	0,115939	no
AN2467	ChrVII_A_nidulans_FGSC_A4:4039373-4041698	WT_5hasex	WT_veg	OK	36,2664	101,652	1,48693	-3,10662	0,00189242	0,0133253	yes
AN2468	ChrVII_A_nidulans_FGSC_A4:4042417-4044278	WT_5hasex	WT_veg	OK	7,43381	10,8505	0,545593	-0,875619	0,381237	0,65554	no
AN2469	ChrVII_A_nidulans_FGSC_A4:4050395-4051271	WT_5hasex	WT_veg	OK	18,7933	6,29022	-1,57904	2,23753	0,0252516	0,106304	no
AN2470	ChrVII_A_nidulans_FGSC_A4:4052179-4054372	WT_5hasex	WT_veg	OK	18,1907	22,421	0,301652	-0,549549	0,582629	0,802814	no
AN2471	ChrVII_A_nidulans_FGSC_A4:4052179-4054372	WT_5hasex	WT_veg	OK	13,3282	12,0485	-0,145618	0,188432	0,850538	0,941247	no
AN2472	ChrVII_A_nidulans_FGSC_A4:4054710-4055921	WT_5hasex	WT_veg	NOTEST	0,857805	3,39516	1,98476	-1,86907	0,0616132	1	no
AN2473	ChrVII_A_nidulans_FGSC_A4:4056917-4058131	WT_5hasex	WT_veg	OK	62,4829	165,833	1,4082	-2,88651	0,00389546	0,0242671	yes
AN2474	ChrVII_A_nidulans_FGSC_A4:4059255-4060347	WT_5hasex	WT_veg	OK	126,346	64,7559	-0,964293	1,89936	0,0575172	0,195978	no
AN2476	ChrVII_A_nidulans_FGSC_A4:4065144-4066347	WT_5hasex	WT_veg	OK	32,2281	22,9295	-0,491115	0,948679	0,342784	0,618219	no
AN2477	ChrVII_A_nidulans_FGSC_A4:4066811-4069328	WT_5hasex	WT_veg	OK	214,996	881,744	2,03605	-3,66177	0,00025048	0,00241859	yes
AN2478	ChrVII_A_nidulans_FGSC_A4:4070239-4071238	WT_5hasex	WT_veg	OK	5,95925	11,1913	0,909174	-1,22746	0,219648	0,480884	no
AN2479	ChrVII_A_nidulans_FGSC_A4:4071495-4072104	WT_5hasex	WT_veg	OK	40,545	86,6117	1,09504	-1,95267	0,0508584	0,179794	no
AN2480	ChrVII_A_nidulans_FGSC_A4:4072408-4075987	WT_5hasex	WT_veg	OK	24,2046	32,3094	0,416676	-0,864486	0,387321	0,660806	no
AN2481	ChrVII_A_nidulans_FGSC_A4:4077053-4081893	WT_5hasex	WT_veg	OK	44,7963	38,459	-0,220059	0,450598	0,65228	0,84303	no
AN2482	ChrVII_A_nidulans_FGSC_A4:4087089-4093176	WT_5hasex	WT_veg	OK	8,29854	12,6058	0,603158	-1,21591	0,22402	0,486027	no
AN2483	ChrVII_A_nidulans_FGSC_A4:4093953-4095702	WT_5hasex	WT_veg	OK	18,611	17,5976	-0,0807781	0,14998	0,880781	0,95479	no
AN2484	ChrVII_A_nidulans_FGSC_A4:4097472-4098540	WT_5hasex	WT_veg	OK	866,703	1888,91	1,12395	-2,08732	0,0368594	0,14202	no
AN2485	ChrVII_A_nidulans_FGSC_A4:4100757-4101318	WT_5hasex	WT_veg	OK	34,5754	61,2984	0,826103	-1,44807	0,147598	0,375223	no
AN2486	ChrVII_A_nidulans_FGSC_A4:4102346-4103676	WT_5hasex	WT_veg	OK	12,0684	65,3426	2,43679	-4,01059	6,0568E-05	0,00070835	yes
AN2487	ChrVII_A_nidulans_FGSC_A4:4105914-4108662	WT_5hasex	WT_veg	OK	56,6544	122,385	1,11117	-2,30843	0,0209753	0,0924664	no
AN2488	ChrVII_A_nidulans_FGSC_A4:4109655-4111045	WT_5hasex	WT_veg	OK	3180,92	2359,2	-0,431145	0,518812	0,603892	0,815644	no
AN2489	ChrVII_A_nidulans_FGSC_A4:4114059-4115574	WT_5hasex	WT_veg	OK	40,1275	62,4088	0,637161	-1,24976	0,211386	0,470018	no
AN2490	ChrVII_A_nidulans_FGSC_A4:4116486-4118206	WT_5hasex	WT_veg	OK	10,6439	20,6949	0,959249	-1,648	0,0993532	0,287991	no
AN2491	ChrVII_A_nidulans_FGSC_A4:4118671-4121989	WT_5hasex	WT_veg	OK	15,8838	45,0838	1,50505	-3,02788	0,00246278	0,0166008	yes
AN2492	ChrVII_A_nidulans_FGSC_A4:4122205-4124896	WT_5hasex	WT_veg	OK	98,0669	221,651	1,17645	-2,39434	0,0166504	0,0775361	no
AN2493	ChrVII_A_nidulans_FGSC_A4:4125973-4128077	WT_5hasex	WT_veg	OK	5,51115	13,4415	1,28626	-2,09413	0,0362485	0,14037	no
AN2494	ChrVII_A_nidulans_FGSC_A4:4130443-4132132	WT_5hasex	WT_veg	OK	26,5062	90,1338	1,76574	-3,30838	0,00093837	0,00745446	yes
AN2495	ChrVII_A_nidulans_FGSC_A4:4132457-4132934	WT_5hasex	WT_veg	OK	10,6818	21,1546	0,98581	-1,36105	0,173497	0,416605	no

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AN2496	ChrVII_A_nidulans_FGSC_A4:4134174-4137945	WT_5hasex	WT_veg	OK	30,7786	62,1798	1,01452	-2,11273	0,0346237	0,135642	no
AN2497	ChrVII_A_nidulans_FGSC_A4:4138346-4139318	WT_5hasex	WT_veg	OK	28,415	57,5124	1,01722	-1,88414	0,0595467	0,20121	no
AN2498	ChrVII_A_nidulans_FGSC_A4:4142792-4144587	WT_5hasex	WT_veg	OK	99,6115	27,4524	-1,85938	3,72213	0,00019755	0,00197182	yes
AN2499	ChrVII_A_nidulans_FGSC_A4:4145706-4147149	WT_5hasex	WT_veg	OK	10,04	24,578	1,2916	-2,16842	0,0301268	0,121721	no
AN2500	ChrVII_A_nidulans_FGSC_A4:4147455-4148335	WT_5hasex	WT_veg	OK	17,6011	33,2456	0,917497	-1,53086	0,125804	0,337749	no
AN2501	ChrVII_A_nidulans_FGSC_A4:4149245-4149829	WT_5hasex	WT_veg	OK	91,0578	79,3984	-0,197674	0,398688	0,690123	0,863612	no
AN2502	ChrVII_A_nidulans_FGSC_A4:4151583-4152440	WT_5hasex	WT_veg	OK	59,7429	42,3894	-0,495063	0,924711	0,355116	0,630636	no
AN2503	ChrVII_A_nidulans_FGSC_A4:4154994-4156578	WT_5hasex	WT_veg	OK	36,4639	45,5922	0,322318	-0,601539	0,547481	0,780741	no
AN2504	ChrVII_A_nidulans_FGSC_A4:4158058-4159512	WT_5hasex	WT_veg	OK	4,41706	1,41152	-1,64584	1,74546	0,080905	0,249666	no
AN2505	ChrVII_A_nidulans_FGSC_A4:4167807-4169821	WT_5hasex	WT_veg	OK	27,8667	80,0125	1,52169	-3,10426	0,00190756	0,0134138	yes
AN2506	ChrVII_A_nidulans_FGSC_A4:4175493-4176704	WT_5hasex	WT_veg	OK	1,6775	5,80808	1,79175	-2,07185	0,0382796	0,146024	no
AN2507	ChrVII_A_nidulans_FGSC_A4:4177833-4179463	WT_5hasex	WT_veg	NOTEST	0,110341	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN2508	ChrVII_A_nidulans_FGSC_A4:4181107-4182986	WT_5hasex	WT_veg	OK	126,179	292,653	1,21372	-2,46963	0,0135255	0,0660195	no
AN2509	ChrVII_A_nidulans_FGSC_A4:4184335-4185850	WT_5hasex	WT_veg	OK	99,6839	57,6629	-0,789716	1,59022	0,111785	0,312442	no
AN2510	ChrVII_A_nidulans_FGSC_A4:4188507-4189568	WT_5hasex	WT_veg	OK	13,307	12,2543	-0,118898	0,180419	0,856824	0,944195	no
AN2513	ChrVII_A_nidulans_FGSC_A4:4198155-4199013	WT_5hasex	WT_veg	OK	23,9335	37,4609	0,646352	-1,14602	0,251789	0,520523	no
AN2514	ChrVII_A_nidulans_FGSC_A4:4199131-4200165	WT_5hasex	WT_veg	OK	43,3185	71,2767	0,718447	-1,41688	0,156517	0,38971	no
AN2515	ChrVII_A_nidulans_FGSC_A4:4200394-4201540	WT_5hasex	WT_veg	OK	63,0399	115,785	0,877109	-1,75899	0,0785786	0,244707	no
AN2517	ChrVII_A_nidulans_FGSC_A4:4204549-4208654	WT_5hasex	WT_veg	OK	14,3386	13,1053	-0,12975	0,25788	0,796499	0,917443	no
AN2518	ChrVII_A_nidulans_FGSC_A4:4209866-4211637	WT_5hasex	WT_veg	OK	22,8436	26,7758	0,229143	-0,449859	0,652812	0,843291	no
AN2521	ChrVII_A_nidulans_FGSC_A4:4215170-4217478	WT_5hasex	WT_veg	OK	10,9444	10,4351	-0,0687435	0,119336	0,905009	0,963752	no
AN2522	ChrVII_A_nidulans_FGSC_A4:4217539-4219759	WT_5hasex	WT_veg	OK	134,664	275,603	1,03323	-2,07089	0,0383691	0,146323	no
AN2525	ChrVII_A_nidulans_FGSC_A4:4233928-4235129	WT_5hasex	WT_veg	OK	23,7226	36,9455	0,639135	-1,177	0,239194	0,505047	no
AN2526	ChrVII_A_nidulans_FGSC_A4:4235347-4236707	WT_5hasex	WT_veg	OK	664,409	766,442	0,206106	-0,297266	0,766264	0,903914	no
AN2527	ChrVII_A_nidulans_FGSC_A4:4237290-4239912	WT_5hasex	WT_veg	OK	18,2739	51,3586	1,49082	-2,98347	0,00284997	0,0187195	yes
AN2528	ChrVII_A_nidulans_FGSC_A4:4240118-4240914	WT_5hasex	WT_veg	OK	4,14769	2,00628	-1,04779	0,9863	0,323986	0,600506	no
AN2529	ChrVII_A_nidulans_FGSC_A4:4242831-4243866	WT_5hasex	WT_veg	OK	25,2728	31,8303	0,332814	-0,586976	0,55722	0,786976	no
AN2531	ChrVII_A_nidulans_FGSC_A4:4247500-4249482	WT_5hasex	WT_veg	OK	27,6107	89,9528	1,70394	-3,37475	0,00073884	0,00606463	yes
AN2532	ChrVII_A_nidulans_FGSC_A4:4250546-4252779	WT_5hasex	WT_veg	OK	42,0683	89,4902	1,08899	-2,26794	0,0233331	0,100082	no
AN2533	ChrVII_A_nidulans_FGSC_A4:4255738-4256936	WT_5hasex	WT_veg	NOTEST	0,766292	2,46806	1,68741	-1,55242	0,120562	1	no
AN2535	ChrVII_A_nidulans_FGSC_A4:4260088-4260571	WT_5hasex	WT_veg	OK	193,385	1176,36	2,60479	-5,40944	6,3221E-08	1,5436E-06	yes
AN2537	ChrVII_A_nidulans_FGSC_A4:4264489-4265865	WT_5hasex	WT_veg	OK	11,3362	23,4215	1,04689	-1,71897	0,085619	0,260063	no
AN2538	ChrVII_A_nidulans_FGSC_A4:4267376-4268832	WT_5hasex	WT_veg	OK	13,6855	30,9595	1,17774	-1,81816	0,0690403	0,22331	no
AN2539	ChrVII_A_nidulans_FGSC_A4:4269362-4270191	WT_5hasex	WT_veg	OK	35,2914	78,9224	1,16112	-1,90951	0,0561963	0,19276	no
AN2540	ChrVII_A_nidulans_FGSC_A4:4271095-4272640	WT_5hasex	WT_veg	NOTEST	1,99444	3,34626	0,74657	-0,82162	0,411293	1	no
AN2543	ChrVII_A_nidulans_FGSC_A4:4281133-4283382	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2544	ChrVII_A_nidulans_FGSC_A4:4286765-4288313	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2546	ChrVII_A_nidulans_FGSC_A4:4311591-4312391	WT_5hasex	WT_veg	OK	9,71233	7,1004	-0,451917	0,505378	0,613294	0,82091	no
AN2550	ChrVII_A_nidulans_FGSC_A4:4329169-4330170	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2553	ChrVII_A_nidulans_FGSC_A4:4341392-4343627	WT_5hasex	WT_veg	OK	4,51278	8,62325	0,934217	-1,3121	0,189487	0,439981	no
AN2554	ChrVII_A_nidulans_FGSC_A4:4343886-4345610	WT_5hasex	WT_veg	OK	17,7269	56,2296	1,66539	-2,84488	0,00444281	0,027068	yes
AN2555	ChrVII_A_nidulans_FGSC_A4:4347448-4349288	WT_5hasex	WT_veg	OK	694,393	300,029	-1,21065	2,16507	0,0303822	0,122497	no
AN2556	ChrVII_A_nidulans_FGSC_A4:4350919-4351438	WT_5hasex	WT_veg	OK	173,465	236,81	0,449083	-0,884624	0,376359	0,65109	no
AN2557	ChrVII_A_nidulans_FGSC_A4:4351929-4353943	WT_5hasex	WT_veg	NOTEST	1,72473	0,0918089	-4,23159	1,41869	0,155989	1	no
AN2558	ChrVII_A_nidulans_FGSC_A4:4357064-4358993	WT_5hasex	WT_veg	NOTEST	0,542727	0,329173	-0,721381	0,463148	0,643258	1	no
AN2559	ChrVII_A_nidulans_FGSC_A4:4359862-4361299	WT_5hasex	WT_veg	NOTEST	0,961556	1,12929	0,231967	-0,197218	0,843657	1	no
AN2560	ChrVII_A_nidulans_FGSC_A4:4362122-4363846	WT_5hasex	WT_veg	OK	2,14178	0	-1.79769e+308	-1.79769e+308	0,0308325	0,123969	no
AN2561	ChrVII_A_nidulans_FGSC_A4:4364419-4365390	WT_5hasex	WT_veg	OK	10,8691	2,4919	-2,12492	2,40057	0,0163695	0,0765341	no
AN2562	ChrVII_A_nidulans_FGSC_A4:4365994-4367556	WT_5hasex	WT_veg	NOTEST	0,349323	0,575088	0,71922	-0,421817	0,673159	1	no
AN2563	ChrVII_A_nidulans_FGSC_A4:4367985-4368556	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2564	ChrVII_A_nidulans_FGSC_A4:4368825-4370181	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2565	ChrVII_A_nidulans_FGSC_A4:4371775-4372498	WT_5hasex	WT_veg	OK	3,50001	8,29725	1,24527	-1,29485	0,195372	0,448047	no
AN2566	ChrVII_A_nidulans_FGSC_A4:4373751-4375656	WT_5hasex	WT_veg	NOTEST	0,156168	0	-1.79769e+308	-1.79769e+308	0,224063	1	no

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AN2567	ChrVII_A_nidulans_FGSC_A4:4377887-4378332	WT_5hasex	WT_veg	OK	276,701	176,783	-0,646346	1,17745	0,239014	0,504813	no
AN2568	ChrVII_A_nidulans_FGSC_A4:4378733-4379771	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2570	ChrVII_A_nidulans_FGSC_A4:4383687-4384704	WT_5hasex	WT_veg	OK	4,72661	3,2665	-0,533063	0,59825	0,549673	0,781909	no
AN2571	ChrVII_A_nidulans_FGSC_A4:4386507-4387064	WT_5hasex	WT_veg	OK	435,077	148,64	-1,54945	2,45038	0,0142707	0,0688404	no
AN2572	ChrVII_A_nidulans_FGSC_A4:4390036-4392578	WT_5hasex	WT_veg	OK	20,8205	30,5865	0,554891	-0,884427	0,376466	0,6511	no
AN2573	ChrVII_A_nidulans_FGSC_A4:4393768-4394751	WT_5hasex	WT_veg	NOTEST	1,42369	2,06328	0,535305	-0,461098	0,644728	1	no
AN2574	ChrVII_A_nidulans_FGSC_A4:4402612-4404410	WT_5hasex	WT_veg	OK	11,5467	1,27766	-3,1759	3,60963	0,00030663	0,00287395	yes
AN2575	ChrVII_A_nidulans_FGSC_A4:4406140-4407716	WT_5hasex	WT_veg	OK	2,44107	1,09506	-1,15651	0,99871	0,317935	0,594113	no
AN2576	ChrVII_A_nidulans_FGSC_A4:4408276-4409863	WT_5hasex	WT_veg	NOTEST	0,900626	0,562577	-0,678878	0,457466	0,647336	1	no
AN2577	ChrVII_A_nidulans_FGSC_A4:4410748-4411920	WT_5hasex	WT_veg	OK	16,479	48,0014	1,54245	-2,63271	0,00847063	0,0456477	yes
AN2578	ChrVII_A_nidulans_FGSC_A4:4414498-4415630	WT_5hasex	WT_veg	OK	804,587	1307,97	0,701007	-1,16844	0,24263	0,509435	no
AN2580	ChrVII_A_nidulans_FGSC_A4:4425302-4426844	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2581	ChrVII_A_nidulans_FGSC_A4:4429218-4433463	WT_5hasex	WT_veg	OK	67,5597	209,334	1,63157	-3,20266	0,00136163	0,0101271	yes
AN2582	ChrVII_A_nidulans_FGSC_A4:4433651-4435374	WT_5hasex	WT_veg	OK	883,155	1800,31	1,02751	-1,6651	0,095892	0,28114	no
AN2584	ChrVII_A_nidulans_FGSC_A4:4438431-4440006	WT_5hasex	WT_veg	OK	136,188	307,101	1,17311	-2,2633	0,0236169	0,100993	no
AN2585	ChrVII_A_nidulans_FGSC_A4:4443448-4445398	WT_5hasex	WT_veg	OK	34,8716	108,831	1,64197	-2,7779	0,00547108	0,0319687	yes
AN2586	ChrVII_A_nidulans_FGSC_A4:4447765-4450154	WT_5hasex	WT_veg	NOTEST	1,47909	2,09271	0,500666	-0,628496	0,529679	1	no
AN2587	ChrVII_A_nidulans_FGSC_A4:4451266-4453096	WT_5hasex	WT_veg	OK	2,39538	10,8598	2,18067	-2,94125	0,00326893	0,0210079	yes
AN2588	ChrVII_A_nidulans_FGSC_A4:4454812-4456159	WT_5hasex	WT_veg	OK	1,02591	4,06706	1,98708	-2,14533	0,0319267	0,127352	no
AN2589	ChrVII_A_nidulans_FGSC_A4:4457306-4457816	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2590	ChrVII_A_nidulans_FGSC_A4:4459411-4461079	WT_5hasex	WT_veg	OK	4,82756	5,63523	0,223179	-0,291883	0,770376	0,905602	no
AN2591	ChrVII_A_nidulans_FGSC_A4:4461727-4463332	WT_5hasex	WT_veg	OK	1,15238	4,8591	2,07607	-2,05857	0,0395357	0,149558	no
AN2592	ChrVII_A_nidulans_FGSC_A4:4463337-4464471	WT_5hasex	WT_veg	OK	4,72121	22,5982	2,25898	-3,24285	0,00118341	0,00902401	yes
AN2593	ChrVII_A_nidulans_FGSC_A4:4465735-4467273	WT_5hasex	WT_veg	NOTEST	0,403056	0	-1.79769e+308	-1.79769e+308	0,0966285	1	no
AN2594	ChrVII_A_nidulans_FGSC_A4:4467450-4468164	WT_5hasex	WT_veg	OK	26,6688	108,336	2,02228	-3,32231	0,00089276	0,00714673	yes
AN2595	ChrVII_A_nidulans_FGSC_A4:4469241-4469917	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2597	ChrVII_A_nidulans_FGSC_A4:4475068-4476695	WT_5hasex	WT_veg	OK	45,1966	105,263	1,21971	-2,51092	0,0120417	0,0603376	no
AN2598	ChrVII_A_nidulans_FGSC_A4:4477626-4480206	WT_5hasex	WT_veg	NOTEST	0,4085	0,590598	0,531841	-0,410099	0,681733	1	no
AN2599	ChrVII_A_nidulans_FGSC_A4:4481916-4483806	WT_5hasex	WT_veg	NOTEST	0,589347	0	-1.79769e+308	-1.79769e+308	0,0561526	1	no
AN2600	ChrVII_A_nidulans_FGSC_A4:4484448-4485051	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2601	ChrVII_A_nidulans_FGSC_A4:4485368-4487179	WT_5hasex	WT_veg	NOTEST	0,359622	1,46838	2,02967	-1,77036	0,0766674	1	no
AN2602	ChrVII_A_nidulans_FGSC_A4:4491304-4493430	WT_5hasex	WT_veg	OK	3,19977	28,464	3,1531	-4,12137	3,7662E-05	0,0004679	yes
AN2603	ChrVII_A_nidulans_FGSC_A4:4493450-4495736	WT_5hasex	WT_veg	NOTEST	0	1,28124	1.79769e+308	1.79769e+308	0,036343	1	no
AN2604	ChrVII_A_nidulans_FGSC_A4:4499595-4501100	WT_5hasex	WT_veg	OK	3,49207	19,1852	2,45784	-2,84352	0,0044618	0,0271711	yes
AN2605	ChrVII_A_nidulans_FGSC_A4:4503827-4504780	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2606	ChrVII_A_nidulans_FGSC_A4:4504983-4507144	WT_5hasex	WT_veg	NOTEST	1,41145	0,430655	-1,71257	1,17663	0,239343	1	no
AN2608	ChrVII_A_nidulans_FGSC_A4:4514232-4515759	WT_5hasex	WT_veg	NOTEST	0,461702	0,40486	-0,189539	0,11963	0,904777	1	no
AN2609	ChrVII_A_nidulans_FGSC_A4:4515791-4517217	WT_5hasex	WT_veg	OK	2,79457	7,3069	1,38663	-1,52882	0,126308	0,338681	no
AN2611	ChrVII_A_nidulans_FGSC_A4:4524935-4527387	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2613	ChrVII_A_nidulans_FGSC_A4:4533226-4534916	WT_5hasex	WT_veg	NOTEST	1,76398	0,520667	-1,7604	1,23377	0,217287	1	no
AN2614	ChrVII_A_nidulans_FGSC_A4:4536923-4538711	WT_5hasex	WT_veg	OK	9,19932	11,3355	0,301247	-0,491392	0,623149	0,826021	no
AN2615	ChrVII_A_nidulans_FGSC_A4:4541347-4543456	WT_5hasex	WT_veg	OK	5,84945	2,53164	-1,20823	1,73442	0,0828431	0,254017	no
AN2616	ChrVI_A_nidulans_FGSC_A4:3391738-3394562	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2617	ChrVI_A_nidulans_FGSC_A4:3386748-3387841	WT_5hasex	WT_veg	OK	1,89277	1,02339	-0,887138	0,719482	0,471844	0,729218	no
AN2618	ChrVI_A_nidulans_FGSC_A4:3385232-3385995	WT_5hasex	WT_veg	NOTEST	0,613754	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN2619	ChrVI_A_nidulans_FGSC_A4:3381682-3382897	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2624	ChrVI_A_nidulans_FGSC_A4:3355557-3356389	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2625	ChrVI_A_nidulans_FGSC_A4:3351406-3353086	WT_5hasex	WT_veg	NOTEST	0,372679	1,17291	1,65408	-1,39042	0,1644	1	no
AN2626	ChrVI_A_nidulans_FGSC_A4:3346885-3348189	WT_5hasex	WT_veg	OK	47,1182	75,3995	0,678271	-1,37521	0,169065	0,409302	no
AN2628	ChrVI_A_nidulans_FGSC_A4:3335693-3337086	WT_5hasex	WT_veg	OK	1,27056	7,51576	2,56445	-2,96922	0,00298555	0,0194758	yes
AN2629	ChrVI_A_nidulans_FGSC_A4:3330000-3332002	WT_5hasex	WT_veg	OK	13,2905	30,9835	1,2211	-2,18195	0,0291135	0,118512	no
AN2630	ChrVI_A_nidulans_FGSC_A4:3324199-3325117	WT_5hasex	WT_veg	OK	1,80174	0	-1.79769e+308	-1.79769e+308	0,0908325	0,270621	no
AN2631	ChrVI_A_nidulans_FGSC_A4:3321082-3323265	WT_5hasex	WT_veg	NOTEST	0,117142	0,403639	1,78481	-0,785106	0,432391	1	no

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AN2633	ChrVI_A_nidulans_FGSC_A4:3315308-3315950	WT_5hasex	WT_veg	NOTEST	0,478795	1,79998	1,9105	-0,840398	0,400685	1	no
AN2634	ChrVI_A_nidulans_FGSC_A4:3311955-3314708	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2635	ChrVI_A_nidulans_FGSC_A4:3308359-3309634	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2636	ChrVI_A_nidulans_FGSC_A4:3299324-3301284	WT_5hasex	WT_veg	OK	3,10315	5,70638	0,878844	-1,22936	0,218936	0,479791	no
AN2637	ChrVI_A_nidulans_FGSC_A4:3297646-3298669	WT_5hasex	WT_veg	OK	5,7756	9,62546	0,736884	-1,05227	0,292678	0,567531	no
AN2639	ChrVI_A_nidulans_FGSC_A4:3291944-3293142	WT_5hasex	WT_veg	OK	13,4598	20,2216	0,587241	-0,928487	0,353155	0,628729	no
AN2640	ChrVI_A_nidulans_FGSC_A4:3290104-3291205	WT_5hasex	WT_veg	OK	5,37181	38,7676	2,85137	-4,27989	1,8699E-05	0,00025176	yes
AN2642	ChrVI_A_nidulans_FGSC_A4:3282948-3283395	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2643	ChrVI_A_nidulans_FGSC_A4:3279680-3281444	WT_5hasex	WT_veg	NOTEST	0,552197	0	-1.79769e+308	-1.79769e+308	0,0341325	1	no
AN2644	ChrVI_A_nidulans_FGSC_A4:3277072-3279162	WT_5hasex	WT_veg	NOTEST	0,243502	1,16195	2,25454	-1,70013	0,0891064	1	no
AN2645	ChrVI_A_nidulans_FGSC_A4:3275281-3276163	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2646	ChrVI_A_nidulans_FGSC_A4:3271027-3273468	WT_5hasex	WT_veg	OK	16,0759	86,2642	2,42386	-4,10699	4,0085E-05	0,00049425	yes
AN2647	ChrVI_A_nidulans_FGSC_A4:3269250-3270654	WT_5hasex	WT_veg	OK	12,226	27,8475	1,18759	-1,91173	0,0559103	0,192081	no
AN2648	ChrVI_A_nidulans_FGSC_A4:3265819-3267761	WT_5hasex	WT_veg	OK	12,4311	53,9083	2,11655	-3,6969	0,00021825	0,00214649	yes
AN2649	ChrVI_A_nidulans_FGSC_A4:3263209-3264476	WT_5hasex	WT_veg	OK	4,78981	27,3933	2,51578	-3,50811	0,00045131	0,00399022	yes
AN2650	ChrVI_A_nidulans_FGSC_A4:3260229-3262205	WT_5hasex	WT_veg	OK	7,60588	15,6497	1,04095	-1,71315	0,0866855	0,262308	no
AN2651	ChrVI_A_nidulans_FGSC_A4:3257739-3258767	WT_5hasex	WT_veg	NOTEST	0,29499	2,58742	3,13278	-1,56126	0,118461	1	no
AN2652	ChrVI_A_nidulans_FGSC_A4:3255422-3257448	WT_5hasex	WT_veg	NOTEST	0,912551	2,46177	1,43172	-1,61604	0,106087	1	no
AN2653	ChrVI_A_nidulans_FGSC_A4:3253256-3254761	WT_5hasex	WT_veg	NOTEST	0,305666	1,74466	2,51292	-1,73716	0,0823593	1	no
AN2655	ChrVI_A_nidulans_FGSC_A4:3248658-3249869	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2656	ChrVI_A_nidulans_FGSC_A4:3246154-3247898	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2657	ChrVI_A_nidulans_FGSC_A4:3243363-3245208	WT_5hasex	WT_veg	OK	1,89175	5,09106	1,42824	-1,85923	0,0629944	0,209072	no
AN2658	ChrVI_A_nidulans_FGSC_A4:3240630-3243214	WT_5hasex	WT_veg	OK	16,2109	23,1502	0,514059	-0,954698	0,339731	0,615537	no
AN2659	ChrVI_A_nidulans_FGSC_A4:3236528-3239651	WT_5hasex	WT_veg	OK	17,7685	45,2126	1,3474	-2,57642	0,00998288	0,0520572	no
AN2660	ChrVI_A_nidulans_FGSC_A4:3232903-3234421	WT_5hasex	WT_veg	OK	7,57758	25,1258	1,72936	-2,83526	0,00457887	0,0277165	yes
AN2661	ChrVI_A_nidulans_FGSC_A4:3227178-3232218	WT_5hasex	WT_veg	OK	11,8361	15,7659	0,413612	-0,841788	0,399907	0,672203	no
AN2662	ChrVI_A_nidulans_FGSC_A4:3224758-3226645	WT_5hasex	WT_veg	OK	19,2667	41,0761	1,09219	-1,7971	0,0723202	0,230764	no
AN2663	ChrVI_A_nidulans_FGSC_A4:3222232-3223765	WT_5hasex	WT_veg	OK	4,37791	12,4509	1,50794	-1,81725	0,0691792	0,223567	no
AN2664	ChrVI_A_nidulans_FGSC_A4:3219382-3221290	WT_5hasex	WT_veg	OK	3,22793	9,8868	1,6149	-2,29651	0,0216466	0,0946215	no
AN2665	ChrVI_A_nidulans_FGSC_A4:3216603-3218384	WT_5hasex	WT_veg	OK	2,04071	2,86135	0,487626	-0,606034	0,544492	0,778725	no
AN2666	ChrVI_A_nidulans_FGSC_A4:3214958-3216162	WT_5hasex	WT_veg	OK	3,24892	3,33008	0,0355937	-0,0425452	0,966064	0,987576	no
AN2667	ChrVI_A_nidulans_FGSC_A4:3212381-3214859	WT_5hasex	WT_veg	NOTEST	1,00058	3,30508	1,72384	-2,18562	0,0288435	1	no
AN2668	ChrVI_A_nidulans_FGSC_A4:3210424-3211730	WT_5hasex	WT_veg	OK	22,5055	71,9613	1,67695	-3,03692	0,00239008	0,0162004	yes
AN2669	ChrVI_A_nidulans_FGSC_A4:3206332-3207474	WT_5hasex	WT_veg	OK	7,72528	24,0189	1,63651	-2,35994	0,0182778	0,0830914	no
AN2670	ChrVI_A_nidulans_FGSC_A4:3197646-3202692	WT_5hasex	WT_veg	OK	6,9312	13,8049	0,993998	-1,91443	0,0555648	0,191284	no
AN2672	ChrVI_A_nidulans_FGSC_A4:3191645-3194236	WT_5hasex	WT_veg	NOTEST	1,17534	0,655541	-0,842325	0,767467	0,442804	1	no
AN2673	ChrVI_A_nidulans_FGSC_A4:3187843-3189605	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2674	ChrVI_A_nidulans_FGSC_A4:3184196-3186266	WT_5hasex	WT_veg	OK	8,68582	16,0336	0,884368	-1,45835	0,144744	0,370537	no
AN2675	ChrVI_A_nidulans_FGSC_A4:3182226-3183840	WT_5hasex	WT_veg	OK	25,4405	7,75145	-1,71459	2,94478	0,00323185	0,0208002	yes
AN2676	ChrVI_A_nidulans_FGSC_A4:3175559-3179148	WT_5hasex	WT_veg	NOTEST	0,0538668	0,192751	1,83927	-0,930134	0,352302	1	no
AN2677	ChrVI_A_nidulans_FGSC_A4:3172186-3175105	WT_5hasex	WT_veg	NOTEST	0,0643693	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN2678	ChrVI_A_nidulans_FGSC_A4:3170445-3171324	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2679	ChrVI_A_nidulans_FGSC_A4:3167735-3169841	WT_5hasex	WT_veg	NOTEST	0,116983	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN2680	ChrVI_A_nidulans_FGSC_A4:3165158-3166349	WT_5hasex	WT_veg	NOTEST	1,18694	1,18211	-0,00589128	0,00452951	0,996386	1	no
AN2681	ChrVI_A_nidulans_FGSC_A4:3162237-3164758	WT_5hasex	WT_veg	OK	5,48826	10,2213	0,897157	-1,44139	0,149476	0,378069	no
AN2682	ChrVI_A_nidulans_FGSC_A4:3159494-3161143	WT_5hasex	WT_veg	OK	74,7187	66,296	-0,172546	0,355056	0,722548	0,881929	no
AN2683	ChrVI_A_nidulans_FGSC_A4:3154708-3156334	WT_5hasex	WT_veg	OK	49,5415	59,2173	0,257382	-0,498636	0,618036	0,82343	no
AN2684	ChrVI_A_nidulans_FGSC_A4:3152451-3154099	WT_5hasex	WT_veg	OK	36,8405	82,795	1,16825	-2,32452	0,0200974	0,0894775	no
AN2685	ChrVI_A_nidulans_FGSC_A4:3149273-3150020	WT_5hasex	WT_veg	OK	141,818	191,625	0,434241	-0,76144	0,446394	0,709535	no
AN2686	ChrVI_A_nidulans_FGSC_A4:3147285-3147776	WT_5hasex	WT_veg	OK	49,5105	84,0491	0,763498	-1,29232	0,196247	0,449149	no
AN2688	ChrVI_A_nidulans_FGSC_A4:3142047-3144246	WT_5hasex	WT_veg	OK	39,2015	48,4658	0,306059	-0,628716	0,529535	0,76917	no
AN2689	ChrVI_A_nidulans_FGSC_A4:3138703-3141834	WT_5hasex	WT_veg	OK	2,7703	8,56506	1,62842	-2,56431	0,0103381	0,0534783	no
AN2690	ChrVI_A_nidulans_FGSC_A4:3136354-3137933	WT_5hasex	WT_veg	OK	2,9948	7,16072	1,25764	-1,64986	0,0989721	0,287189	no

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AN2693	ChrVI_A_nidulans_FGSC_A4:3125532-3127072	WT_5hasex	WT_veg	OK	4,90397	15,8632	1,69366	-2,56379	0,0103535	0,0535476	no
AN2694	ChrVI_A_nidulans_FGSC_A4:3124099-3125016	WT_5hasex	WT_veg	OK	48,7984	115,553	1,24365	-2,37372	0,0176097	0,0808041	no
AN2695	ChrVI_A_nidulans_FGSC_A4:3122444-3123476	WT_5hasex	WT_veg	OK	1,10189	8,74626	2,98868	-3,15414	0,00160971	0,0116572	yes
AN2696	ChrVI_A_nidulans_FGSC_A4:3120115-3121802	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2697	ChrVI_A_nidulans_FGSC_A4:3116263-3118079	WT_5hasex	WT_veg	NOTEST	0,838533	0	-1.79769e+308	-1.79769e+308	0,0407588	1	no
AN2698	ChrVI_A_nidulans_FGSC_A4:3113905-3115111	WT_5hasex	WT_veg	NOTEST	2,13955	2,85473	0,416044	-0,414628	0,678414	1	no
AN2699	ChrVI_A_nidulans_FGSC_A4:3112118-3113522	WT_5hasex	WT_veg	OK	7,12597	11,1272	0,642926	-0,971529	0,331285	0,607651	no
AN2700	ChrVI_A_nidulans_FGSC_A4:3110589-3111843	WT_5hasex	WT_veg	OK	4,50092	8,95248	0,992067	-1,36924	0,170924	0,412354	no
AN2701	ChrVI_A_nidulans_FGSC_A4:3104668-3109566	WT_5hasex	WT_veg	OK	37,2747	64,2105	0,784611	-1,56477	0,117636	0,323233	no
AN2702	ChrVI_A_nidulans_FGSC_A4:3098243-3099223	WT_5hasex	WT_veg	OK	107,748	622,722	2,53092	-4,68406	2,8125E-06	4,6376E-05	yes
AN2703	ChrVI_A_nidulans_FGSC_A4:3096961-3098185	WT_5hasex	WT_veg	OK	99,6016	118,917	0,255719	-0,506079	0,612801	0,820566	no
AN2704	ChrVI_A_nidulans_FGSC_A4:3094382-3096119	WT_5hasex	WT_veg	OK	21,5885	6,9583	-1,63345	2,92235	0,00347401	0,0221251	yes
AN2707	ChrVI_A_nidulans_FGSC_A4:3085133-3086768	WT_5hasex	WT_veg	NOTEST	0,171558	0,566272	1,7228	-0,757831	0,448552	1	no
AN2708	ChrVI_A_nidulans_FGSC_A4:3080991-3082417	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2710	ChrVI_A_nidulans_FGSC_A4:3072846-3073600	WT_5hasex	WT_veg	NOTEST	0,985772	0	-1.79769e+308	-1.79769e+308	0,0703913	1	no
AN2711	ChrVI_A_nidulans_FGSC_A4:3067213-3069430	WT_5hasex	WT_veg	OK	4,44985	1,92666	-1,20765	1,61939	0,105364	0,300381	no
AN2713	ChrVI_A_nidulans_FGSC_A4:3060040-3061111	WT_5hasex	WT_veg	OK	2,45775	2,92508	0,251139	-0,283205	0,77702	0,908721	no
AN2714	ChrVI_A_nidulans_FGSC_A4:3056191-3059607	WT_5hasex	WT_veg	OK	10,9497	15,9888	0,546172	-1,05979	0,289241	0,563922	no
AN2715	ChrVI_A_nidulans_FGSC_A4:3051761-3052848	WT_5hasex	WT_veg	OK	22,2349	60,0224	1,43267	-2,57109	0,0101379	0,0526613	no
AN2716	ChrVI_A_nidulans_FGSC_A4:3050236-3051318	WT_5hasex	WT_veg	OK	1,08831	5,24027	2,26756	-2,12468	0,0336133	0,132516	no
AN2718	ChrVI_A_nidulans_FGSC_A4:3044308-3045251	WT_5hasex	WT_veg	OK	1,75593	10,1792	2,53532	-2,70178	0,006897	0,0386666	yes
AN2719	ChrVI_A_nidulans_FGSC_A4:3041445-3042093	WT_5hasex	WT_veg	NOTEST	0,604119	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN2720	ChrVI_A_nidulans_FGSC_A4:3038787-3039780	WT_5hasex	WT_veg	OK	3,82176	0	-1.79769e+308	-1.79769e+308	0,0221766	0,0962867	no
AN2721	ChrVI_A_nidulans_FGSC_A4:3036818-3037811	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2722	ChrVI_A_nidulans_FGSC_A4:3033806-3034984	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2723	ChrVI_A_nidulans_FGSC_A4:3031739-3033193	WT_5hasex	WT_veg	NOTEST	0,598757	3,24655	2,43886	-2,46986	0,0135167	1	no
AN2725	ChrVI_A_nidulans_FGSC_A4:3023125-3025310	WT_5hasex	WT_veg	OK	5,03767	9,75477	0,953352	-1,51576	0,129581	0,344562	no
AN2726	ChrVI_A_nidulans_FGSC_A4:3018362-3019776	WT_5hasex	WT_veg	NOTEST	0,748714	1,67433	1,1611	-0,924049	0,355461	1	no
AN2728	ChrVI_A_nidulans_FGSC_A4:3011024-3011954	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2729	ChrVI_A_nidulans_FGSC_A4:3008548-3010452	WT_5hasex	WT_veg	NOTEST	0,125015	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN2731	ChrVI_A_nidulans_FGSC_A4:2989859-2992431	WT_5hasex	WT_veg	OK	164,474	585,083	1,83079	-3,52731	0,0004198	0,00374441	yes
AN2732	ChrVI_A_nidulans_FGSC_A4:2987959-2989626	WT_5hasex	WT_veg	OK	11,7865	19,5397	0,729272	-1,2741	0,202627	0,458313	no
AN2733	ChrVI_A_nidulans_FGSC_A4:2985548-2986953	WT_5hasex	WT_veg	OK	57,2011	46,6259	-0,29491	0,59706	0,550467	0,78238	no
AN2734	ChrVI_A_nidulans_FGSC_A4:2983726-2984940	WT_5hasex	WT_veg	OK	1244,77	1348,01	0,114951	-0,188056	0,850832	0,941353	no
AN2735	ChrVI_A_nidulans_FGSC_A4:2981797-2983577	WT_5hasex	WT_veg	OK	20,3786	54,2486	1,41253	-2,72031	0,00652203	0,0370119	yes
AN2736	ChrVI_A_nidulans_FGSC_A4:2978840-2981502	WT_5hasex	WT_veg	OK	30,3651	22,588	-0,426857	0,878311	0,379775	0,654228	no
AN2737	ChrVI_A_nidulans_FGSC_A4:2975872-2978326	WT_5hasex	WT_veg	OK	27,8381	140,117	2,3315	-4,82446	1,4038E-06	2,4917E-05	yes
AN2738	ChrVI_A_nidulans_FGSC_A4:2973810-2975183	WT_5hasex	WT_veg	OK	30,5922	23,3158	-0,391861	0,756664	0,449251	0,711745	no
AN2739	ChrVI_A_nidulans_FGSC_A4:2970073-2973266	WT_5hasex	WT_veg	OK	36,4919	30,6545	-0,251477	0,490549	0,623746	0,826367	no
AN2741	ChrVI_A_nidulans_FGSC_A4:2952101-2953083	WT_5hasex	WT_veg	OK	56,9268	137,807	1,27547	-2,54491	0,0109306	0,0558597	no
AN2743	ChrVI_A_nidulans_FGSC_A4:2944031-2947428	WT_5hasex	WT_veg	OK	45,2522	114,258	1,33624	-2,7833	0,00538093	0,0315228	yes
AN2744	ChrVI_A_nidulans_FGSC_A4:2941374-2942684	WT_5hasex	WT_veg	OK	18,0751	17,1259	-0,07783	0,140243	0,888468	0,957978	no
AN2745	ChrVI_A_nidulans_FGSC_A4:2940129-2940876	WT_5hasex	WT_veg	OK	39,8801	70,6993	0,826028	-1,4831	0,138049	0,359241	no
AN2746	ChrVI_A_nidulans_FGSC_A4:2938362-2939735	WT_5hasex	WT_veg	OK	22,0933	130,103	2,55798	-4,65105	3,3025E-06	5,3627E-05	yes
AN2747	ChrVI_A_nidulans_FGSC_A4:2936205-2936921	WT_5hasex	WT_veg	OK	80,7063	517,603	2,68109	-5,21448	1,8434E-07	4,0399E-06	yes
AN2748	ChrVI_A_nidulans_FGSC_A4:2934078-2935882	WT_5hasex	WT_veg	OK	6,3609	29,7927	2,22766	-3,62968	0,00028377	0,00269049	yes
AN2749	ChrVI_A_nidulans_FGSC_A4:2929338-2933051	WT_5hasex	WT_veg	OK	17,9632	37,9604	1,07946	-2,24497	0,0247699	0,104635	no
AN2750	ChrVI_A_nidulans_FGSC_A4:2924804-2926353	WT_5hasex	WT_veg	NOTEST	0,28264	0,567515	1,00569	-0,57227	0,567139	1	no
AN2752	ChrVI_A_nidulans_FGSC_A4:2917579-2919449	WT_5hasex	WT_veg	OK	15,4641	33,9542	1,13467	-2,11683	0,0342741	0,134595	no
AN2753	ChrVI_A_nidulans_FGSC_A4:2916756-2917492	WT_5hasex	WT_veg	OK	5,08807	20,9967	2,04498	-2,55868	0,0105071	0,0541604	no
AN2757	ChrVI_A_nidulans_FGSC_A4:2899697-2902540	WT_5hasex	WT_veg	OK	25,3645	28,6932	0,177899	-0,353531	0,723691	0,882337	no
AN2759	ChrVI_A_nidulans_FGSC_A4:2888659-2890462	WT_5hasex	WT_veg	OK	102,966	270,805	1,39509	-2,85661	0,00428192	0,0262496	yes
AN2760	ChrVI_A_nidulans_FGSC_A4:2884959-2887299	WT_5hasex	WT_veg	OK	146,884	89,2031	-0,719514	1,23065	0,218455	0,479175	no

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AN2761	ChrVI_A_nidulans_FGSC_A4:2883417-2884838	WT_5hasex	WT_veg	OK	1134,41	2239,09	0,980967	-1,708	0,087637	0,264308	no
AN2762	ChrVI_A_nidulans_FGSC_A4:2880954-2882473	WT_5hasex	WT_veg	OK	38,4415	69,633	0,857104	-1,70824	0,0875923	0,264213	no
AN2763	ChrVI_A_nidulans_FGSC_A4:2877690-2880099	WT_5hasex	WT_veg	OK	13,4702	8,20788	-0,71469	-1,28753	0,197911	0,451657	no
AN2764	ChrVI_A_nidulans_FGSC_A4:2875480-2877384	WT_5hasex	WT_veg	OK	31,048	62,345	1,00577	-2,03707	0,0416431	0,155307	no
AN2766	ChrVI_A_nidulans_FGSC_A4:2867801-2870472	WT_5hasex	WT_veg	OK	29,8969	71,2458	1,25281	-2,56594	0,0102897	0,0532668	no
AN2768	ChrVI_A_nidulans_FGSC_A4:2860394-2861774	WT_5hasex	WT_veg	OK	72,0697	321,766	2,15855	-4,38229	1,1744E-05	0,00016543	yes
AN2769	ChrVI_A_nidulans_FGSC_A4:2858133-2860004	WT_5hasex	WT_veg	OK	29,401	77,8887	1,40555	-2,86427	0,00417973	0,0257147	yes
AN2770	ChrVI_A_nidulans_FGSC_A4:2853522-2855879	WT_5hasex	WT_veg	OK	18,4524	28,5014	0,627222	-1,21827	0,223122	0,484998	no
AN2771	ChrVI_A_nidulans_FGSC_A4:2851287-2852658	WT_5hasex	WT_veg	OK	10,6912	29,1668	1,44791	-2,45281	0,0141746	0,0684713	no
AN2774	ChrVI_A_nidulans_FGSC_A4:2840707-2841853	WT_5hasex	WT_veg	OK	29,6914	66,149	1,15567	-2,16908	0,030077	0,121593	no
AN2775	ChrVI_A_nidulans_FGSC_A4:2838002-2840501	WT_5hasex	WT_veg	OK	83,0193	139,919	0,753077	-1,55134	0,120821	0,329091	no
AN2776	ChrVI_A_nidulans_FGSC_A4:2836279-2837277	WT_5hasex	WT_veg	OK	48,5432	182,985	1,91438	-3,70698	0,00020975	0,00207577	yes
AN2777	ChrVI_A_nidulans_FGSC_A4:2833588-2835352	WT_5hasex	WT_veg	OK	5,74865	13,038	1,18143	-1,6775	0,0934451	0,27612	no
AN2778	ChrVI_A_nidulans_FGSC_A4:2832114-2832702	WT_5hasex	WT_veg	OK	3,72018	14,2751	1,94006	-2,10629	0,0351788	0,137038	no
AN2779	ChrVI_A_nidulans_FGSC_A4:2829853-2831659	WT_5hasex	WT_veg	OK	7,24176	7,46694	0,0441764	-0,0681495	0,945667	0,979712	no
AN2780	ChrVI_A_nidulans_FGSC_A4:2827663-2829580	WT_5hasex	WT_veg	NOTEST	0,49237	1,76382	1,84089	-1,88078	0,0600015	1	no
AN2781	ChrVI_A_nidulans_FGSC_A4:2825055-2827006	WT_5hasex	WT_veg	NOTEST	1,05031	0,400008	-1,39272	0,897659	0,369367	1	no
AN2782	ChrVI_A_nidulans_FGSC_A4:2821555-2823057	WT_5hasex	WT_veg	OK	25,3516	52,2135	1,04235	-1,97644	0,048105	0,17293	no
AN2783	ChrVI_A_nidulans_FGSC_A4:2819481-2820992	WT_5hasex	WT_veg	NOTEST	0,14836	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN2784	ChrVI_A_nidulans_FGSC_A4:2816020-2816732	WT_5hasex	WT_veg	OK	2,13671	3,28031	0,618439	-0,541735	0,588001	0,805891	no
AN2785	ChrVI_A_nidulans_FGSC_A4:2813011-2815039	WT_5hasex	WT_veg	NOTEST	0,819635	0,74023	-0,147008	0,130705	0,896009	1	no
AN2786	ChrVI_A_nidulans_FGSC_A4:2810016-2811356	WT_5hasex	WT_veg	NOTEST	1,01543	0,635896	-0,675225	0,461709	0,64429	1	no
AN2788	ChrVI_A_nidulans_FGSC_A4:2807779-2808815	WT_5hasex	WT_veg	NOTEST	0,303746	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN2789	ChrVI_A_nidulans_FGSC_A4:2805795-2806787	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2790	ChrVI_A_nidulans_FGSC_A4:2803837-2805091	WT_5hasex	WT_veg	NOTEST	0,148038	2,07062	3,80603	-2,35775	0,018386	1	no
AN2791	ChrVI_A_nidulans_FGSC_A4:2801353-2801820	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2792	ChrVI_A_nidulans_FGSC_A4:2799055-2800163	WT_5hasex	WT_veg	OK	79,0685	327,431	2,05002	-4,24736	2,1631E-05	0,00028573	yes
AN2794	ChrVI_A_nidulans_FGSC_A4:2792211-2794114	WT_5hasex	WT_veg	OK	184,972	263,764	0,511941	-1,0277	0,304089	0,580104	no
AN2796	ChrVI_A_nidulans_FGSC_A4:2786149-2788367	WT_5hasex	WT_veg	OK	7,2501	3,78294	-0,938493	1,48879	0,136542	0,356746	no
AN2797	ChrVI_A_nidulans_FGSC_A4:2780560-2785594	WT_5hasex	WT_veg	OK	2,73043	9,06553	1,73126	-2,89379	0,00380621	0,0238381	yes
AN2798	ChrVI_A_nidulans_FGSC_A4:2779442-2780437	WT_5hasex	WT_veg	OK	4,51498	13,3168	1,56046	-1,99797	0,0457194	0,166513	no
AN2799	ChrVI_A_nidulans_FGSC_A4:2774983-2778779	WT_5hasex	WT_veg	NOTEST	0,103544	0,482759	2,22106	-1,14626	0,251686	1	no
AN2800	ChrVI_A_nidulans_FGSC_A4:2772376-2773907	WT_5hasex	WT_veg	OK	4,78527	9,17029	0,938369	-1,25838	0,208254	0,465688	no
AN2801	ChrVI_A_nidulans_FGSC_A4:2770810-2772028	WT_5hasex	WT_veg	OK	40,6851	249,576	2,61691	-4,95496	7,2345E-07	1,3766E-05	yes
AN2802	ChrVI_A_nidulans_FGSC_A4:2768339-2768952	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2803	ChrVI_A_nidulans_FGSC_A4:2766284-2766842	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2804	ChrVI_A_nidulans_FGSC_A4:2763464-2765165	WT_5hasex	WT_veg	NOTEST	0,180352	0,488227	1,43674	-0,791167	0,428846	1	no
AN2805	ChrVI_A_nidulans_FGSC_A4:2760636-2763345	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2806	ChrVI_A_nidulans_FGSC_A4:2757420-2758959	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2807	ChrVI_A_nidulans_FGSC_A4:2757420-2758959	WT_5hasex	WT_veg	NOTEST	0	1,04715	1.79769e+308	1.79769e+308	0,0716995	1	no
AN2808	ChrVI_A_nidulans_FGSC_A4:2754259-2755888	WT_5hasex	WT_veg	OK	0,214378	11,3192	5,72247	-4,22764	2,3615E-05	0,00030899	yes
AN2809	ChrVI_A_nidulans_FGSC_A4:2750998-2751967	WT_5hasex	WT_veg	NOTEST	1,48423	2,54956	0,780533	-0,76772	0,442653	1	no
AN2810	ChrVI_A_nidulans_FGSC_A4:2748564-2750905	WT_5hasex	WT_veg	OK	1,11665	4,95026	2,14833	-2,78407	0,00536815	0,0314585	yes
AN2811	ChrVI_A_nidulans_FGSC_A4:2741799-2743193	WT_5hasex	WT_veg	NOTEST	1,10286	0,992063	-0,152743	0,102816	0,918109	1	no
AN2813	ChrVI_A_nidulans_FGSC_A4:2735389-2736298	WT_5hasex	WT_veg	NOTEST	1,48891	3,28839	1,14312	-1,14502	0,252203	1	no
AN2814	ChrVI_A_nidulans_FGSC_A4:2731204-2733291	WT_5hasex	WT_veg	NOTEST	0,429394	0,854502	0,992782	-0,812084	0,416744	1	no
AN2815	ChrVI_A_nidulans_FGSC_A4:2722201-2724085	WT_5hasex	WT_veg	OK	221,143	2027,52	3,19666	-5,84266	5,1375E-09	1,5734E-07	yes
AN2817	ChrVI_A_nidulans_FGSC_A4:2719256-2719770	WT_5hasex	WT_veg	OK	4,074	30,7157	2,91446	-3,25624	0,00112896	0,00868339	yes
AN2818	ChrVI_A_nidulans_FGSC_A4:2712425-2714545	WT_5hasex	WT_veg	OK	12,243	1,51153	-3,01787	3,78626	0,00015293	0,00157971	yes
AN2819	ChrVI_A_nidulans_FGSC_A4:2700868-2701501	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN2820	ChrVI_A_nidulans_FGSC_A4:2698620-2699514	WT_5hasex	WT_veg	NOTEST	0	0,938081	1.79769e+308	1.79769e+308	0,123323	1	no
AN2821	ChrVI_A_nidulans_FGSC_A4:2693326-2695157	WT_5hasex	WT_veg	NOTEST	0,903248	1,80557	0,99926	-1,00572	0,31455	1	no
AN2822	ChrVI_A_nidulans_FGSC_A4:2687815-2689547	WT_5hasex	WT_veg	OK	59,6204	678,153	3,50773	-7,11461	1,1222E-12	6,2827E-11	yes

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AN2823	ChrVI_A_nidulans_FGSC_A4:2686463-2686987	WT_5hasex	WT_veg	OK	23,3181	160,959	2,78718	-4,3406	1,421E-05	0,00019709	yes
AN2826	ChrVI_A_nidulans_FGSC_A4:2676364-2677558	WT_5hasex	WT_veg	OK	10,5476	7,87605	-0,421371	0,618018	0,536563	0,773393	no
AN2827	ChrVI_A_nidulans_FGSC_A4:2671288-2674840	WT_5hasex	WT_veg	OK	4,27799	4,154	-0,0424295	0,0690864	0,944921	0,979356	no
AN2830	ChrVI_A_nidulans_FGSC_A4:2661207-2662254	WT_5hasex	WT_veg	NOTEST	1,51875	2,1537	0,503932	-0,492815	0,622143		1 no
AN2831	ChrVI_A_nidulans_FGSC_A4:2657040-2658645	WT_5hasex	WT_veg	OK	8,37455	37,5397	2,16433	-3,27729	0,0010481	0,00816696	yes
AN2832	ChrVI_A_nidulans_FGSC_A4:2653961-2654976	WT_5hasex	WT_veg	OK	1,20936	11,3373	3,22876	-3,19737	0,00138687	0,0102851	yes
AN2834	ChrVI_A_nidulans_FGSC_A4:2648850-2649603	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN2835	ChrVI_A_nidulans_FGSC_A4:2645664-2647529	WT_5hasex	WT_veg	OK	5,60849	13,8975	1,30914	-2,03912	0,0414377	0,154704	no
AN2836	ChrVI_A_nidulans_FGSC_A4:2642791-2644088	WT_5hasex	WT_veg	OK	7,62897	13,2354	0,794839	-1,17096	0,241616	0,50797	no
AN2837	ChrVI_A_nidulans_FGSC_A4:2640877-2642300	WT_5hasex	WT_veg	OK	8,50859	27,0316	1,66766	-2,72629	0,00640504	0,0364585	yes
AN2838	ChrVI_A_nidulans_FGSC_A4:2638511-2639363	WT_5hasex	WT_veg	NOTEST	0,522201	1,22876	1,23452	-0,75656	0,449314		1 no
AN2839	ChrVI_A_nidulans_FGSC_A4:2633591-2635689	WT_5hasex	WT_veg	NOTEST	0,271087	2,01819	2,89624	-2,65848	0,00784941		1 no
AN2841	ChrVI_A_nidulans_FGSC_A4:2629127-2630734	WT_5hasex	WT_veg	OK	12,5751	0,540246	-4,54081	3,37674	0,0007335	0,00602741	yes
AN2842	ChrVI_A_nidulans_FGSC_A4:2626821-2627688	WT_5hasex	WT_veg	NOTEST	0,676832	1,87843	1,47266	-0,810948	0,417396		1 no
AN2843	ChrVI_A_nidulans_FGSC_A4:2624477-2624909	WT_5hasex	WT_veg	OK	2,05279	0	-1.79769e+308	-1.79769e+308	0,0341325	0,134157	no
AN2844	ChrVI_A_nidulans_FGSC_A4:2622546-2623195	WT_5hasex	WT_veg	OK	817,823	61,2636	-3,73869	7,14324	9,1149E-13	5,147E-11	yes
AN2845	ChrVI_A_nidulans_FGSC_A4:2618846-2619238	WT_5hasex	WT_veg	OK	27,9748	38,0852	0,4451	-0,673442	0,500666	0,750229	no
AN2847	ChrVI_A_nidulans_FGSC_A4:2615519-2616675	WT_5hasex	WT_veg	OK	50,0708	81,9914	0,711503	-1,36277	0,172954	0,415665	no
AN2848	ChrVI_A_nidulans_FGSC_A4:2614310-2615066	WT_5hasex	WT_veg	OK	116,784	389,478	1,73771	-3,53081	0,00041429	0,00370468	yes
AN2850	ChrVI_A_nidulans_FGSC_A4:2608042-2610680	WT_5hasex	WT_veg	OK	6,3935	9,21651	0,527615	-0,917862	0,358691	0,633687	no
AN2851	ChrVI_A_nidulans_FGSC_A4:2605745-2606707	WT_5hasex	WT_veg	OK	38,177	36,1584	-0,0783706	0,149884	0,880856	0,95479	no
AN2852	ChrVI_A_nidulans_FGSC_A4:2602370-2605570	WT_5hasex	WT_veg	OK	24,8619	81,1195	1,70611	-3,57727	0,0003472	0,00318587	yes
AN2853	ChrVI_A_nidulans_FGSC_A4:2599034-2599808	WT_5hasex	WT_veg	OK	28,3591	40,5549	0,516062	-0,924798	0,355071	0,630598	no
AN2854	ChrVI_A_nidulans_FGSC_A4:2596166-2598495	WT_5hasex	WT_veg	OK	27,8165	98,0237	1,81719	-3,74025	0,00018383	0,00185362	yes
AN2856	ChrVI_A_nidulans_FGSC_A4:2588872-2590661	WT_5hasex	WT_veg	OK	6,23299	4,15793	-0,58406	0,833875	0,404351	0,675492	no
AN2857	ChrVI_A_nidulans_FGSC_A4:2585666-2587795	WT_5hasex	WT_veg	OK	26,7719	43,6944	0,706731	-1,44031	0,14978	0,378603	no
AN2858	ChrVI_A_nidulans_FGSC_A4:2583847-2585285	WT_5hasex	WT_veg	OK	9,38788	12,8123	0,448663	-0,696008	0,486424	0,740266	no
AN2859	ChrVI_A_nidulans_FGSC_A4:2582295-2583338	WT_5hasex	WT_veg	OK	8,38356	34,7269	2,05042	-3,04708	0,00231078	0,0157409	yes
AN2860	ChrVI_A_nidulans_FGSC_A4:2580313-2581623	WT_5hasex	WT_veg	OK	14,1545	41,426	1,54928	-2,61251	0,00898809	0,0479286	yes
AN2861	ChrVI_A_nidulans_FGSC_A4:2577409-2579430	WT_5hasex	WT_veg	OK	14,1408	194,418	3,78123	-7,21096	5,5556E-13	3,2275E-11	yes
AN2862	ChrVI_A_nidulans_FGSC_A4:2575494-2577007	WT_5hasex	WT_veg	OK	136,556	334,736	1,29353	-2,65992	0,00781581	0,0427833	yes
AN2863	ChrVI_A_nidulans_FGSC_A4:2572117-2574173	WT_5hasex	WT_veg	OK	23,4142	33,6064	0,521352	-1,04726	0,29498	0,569743	no
AN2864	ChrVI_A_nidulans_FGSC_A4:2570112-2571649	WT_5hasex	WT_veg	NOTEST	1,39735	2,43316	0,800141	-0,904026	0,365982		1 no
AN2865	ChrVI_A_nidulans_FGSC_A4:2567220-2568558	WT_5hasex	WT_veg	OK	35,6405	54,0444	0,600628	-1,21749	0,223416	0,485364	no
AN2866	ChrVI_A_nidulans_FGSC_A4:2564713-2566393	WT_5hasex	WT_veg	OK	16,031	43,7041	1,4469	-2,59217	0,00953738	0,0501835	no
AN2869	ChrVI_A_nidulans_FGSC_A4:2552313-2554558	WT_5hasex	WT_veg	NOTEST	1,29371	1,69665	0,391179	-0,433432	0,664701		1 no
AN2870	ChrVI_A_nidulans_FGSC_A4:2548042-2549413	WT_5hasex	WT_veg	OK	18,2101	10,9422	-0,734841	1,29165	0,19648	0,449486	no
AN2872	ChrVI_A_nidulans_FGSC_A4:2540800-2543504	WT_5hasex	WT_veg	OK	71,5916	82,1869	0,199118	-0,411943	0,680381	0,858873	no
AN2874	ChrVI_A_nidulans_FGSC_A4:2529951-2534538	WT_5hasex	WT_veg	OK	1,91274	1,00702	-0,925551	1,22421	0,220875	0,48248	no
AN2876	ChrVI_A_nidulans_FGSC_A4:2522989-2525126	WT_5hasex	WT_veg	OK	13,8396	25,0191	0,854227	-1,34768	0,177763	0,422799	no
AN2877	ChrVI_A_nidulans_FGSC_A4:2520822-2522243	WT_5hasex	WT_veg	OK	98,2683	373,719	1,92716	-3,90484	9,4289E-05	0,00104173	yes
AN2878	ChrVI_A_nidulans_FGSC_A4:2518748-2520491	WT_5hasex	WT_veg	OK	20,2667	39,3333	0,956636	-1,75918	0,0785461	0,244693	no
AN2879	ChrVI_A_nidulans_FGSC_A4:2516241-2518129	WT_5hasex	WT_veg	OK	16,4593	60,3363	1,87412	-3,52423	0,00042472	0,0037831	yes
AN2880	ChrVI_A_nidulans_FGSC_A4:2511942-2514883	WT_5hasex	WT_veg	OK	42,6974	177,871	2,05861	-4,24564	2,1797E-05	0,00028749	yes
AN2881	ChrVI_A_nidulans_FGSC_A4:2509071-2510521	WT_5hasex	WT_veg	OK	74,5272	108,304	0,539251	-1,11673	0,26411	0,535041	no
AN2882	ChrVI_A_nidulans_FGSC_A4:2507705-2509018	WT_5hasex	WT_veg	OK	44,9479	27,4347	-0,712251	1,42754	0,153425	0,384734	no
AN2883	ChrVI_A_nidulans_FGSC_A4:2506432-2507509	WT_5hasex	WT_veg	OK	7,01547	12,2487	0,804017	-1,21615	0,223928	0,485931	no
AN2884	ChrVI_A_nidulans_FGSC_A4:2504089-2506018	WT_5hasex	WT_veg	OK	21,3322	21,3485	0,00110438	-0,00202533	0,998384	0,999341	no
AN2885	ChrVI_A_nidulans_FGSC_A4:2501338-2502446	WT_5hasex	WT_veg	OK	486,028	1078	1,14925	-2,17455	0,0296642	0,120324	no
AN2887	ChrVI_A_nidulans_FGSC_A4:2493865-2497990	WT_5hasex	WT_veg	OK	11,686	14,0307	0,263807	-0,525291	0,599381	0,812864	no
AN2888	ChrVI_A_nidulans_FGSC_A4:2491831-2493193	WT_5hasex	WT_veg	OK	301,514	84,7505	-1,83093	3,29497	0,00098434	0,00774725	yes
AN2889	ChrVI_A_nidulans_FGSC_A4:2488822-2491354	WT_5hasex	WT_veg	OK	12,228	9,62571	-0,345226	0,660961	0,508637	0,755316	no
AN2890	ChrVI_A_nidulans_FGSC_A4:2486441-2487992	WT_5hasex	WT_veg	OK	3,12328	1,23357	-1,34023	1,39992	0,161538	0,397394	no

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AN2891	ChrVI_A_nidulans_FGSC_A4:2484744-2485810	WT_5hasex	WT_veg	OK	10,682	58,7943	2,4605	-3,46545	0,00052935	0,00456456	yes
AN2892	ChrVI_A_nidulans_FGSC_A4:2482293-2484073	WT_5hasex	WT_veg	OK	4,67365	3,20604	-0,543757	0,745503	0,455967	0,717068	no
AN2894	ChrVI_A_nidulans_FGSC_A4:2478645-2479271	WT_5hasex	WT_veg	OK	196,376	2017,86	3,36114	-6,90212	5,1232E-12	2,5814E-10	yes
AN2895	ChrVI_A_nidulans_FGSC_A4:2472967-2477985	WT_5hasex	WT_veg	NOTEST	1,65589	3,77311	1,18815	-1,76705	0,0772205	1	no
AN2896	ChrVI_A_nidulans_FGSC_A4:2468847-2470033	WT_5hasex	WT_veg	OK	76,1473	111,637	0,551952	-1,13782	0,255198	0,524558	no
AN2897	ChrVI_A_nidulans_FGSC_A4:2465356-2468575	WT_5hasex	WT_veg	OK	9,68678	52,6254	2,44167	-4,68407	2,8123E-06	4,6376E-05	yes
AN2898	ChrVI_A_nidulans_FGSC_A4:2462037-2464759	WT_5hasex	WT_veg	OK	5,74995	18,4774	1,68414	-2,83421	0,00459386	0,0277848	yes
AN2899	ChrVI_A_nidulans_FGSC_A4:2459143-2460779	WT_5hasex	WT_veg	OK	38,2613	62,8882	0,716904	-1,27002	0,204076	0,460233	no
AN2900	ChrVI_A_nidulans_FGSC_A4:2455692-2457663	WT_5hasex	WT_veg	OK	24,2152	25,2691	0,0614641	-0,122134	0,902793	0,962602	no
AN2903	ChrVI_A_nidulans_FGSC_A4:2446775-2448475	WT_5hasex	WT_veg	OK	717,198	926,666	0,369679	-0,655338	0,51225	0,757614	no
AN2904	ChrVI_A_nidulans_FGSC_A4:2444263-2446102	WT_5hasex	WT_veg	OK	186,532	285,308	0,613099	-1,22626	0,220099	0,481451	no
AN2905	ChrVI_A_nidulans_FGSC_A4:2438435-2441631	WT_5hasex	WT_veg	OK	30,067	47,3637	0,655604	-1,33048	0,183361	0,431164	no
AN2906	ChrVI_A_nidulans_FGSC_A4:2436892-2437665	WT_5hasex	WT_veg	OK	93,7926	176,566	0,912659	-1,85126	0,0641316	0,211813	no
AN2907	ChrVI_A_nidulans_FGSC_A4:2435135-2436554	WT_5hasex	WT_veg	OK	91,6431	245,735	1,423	-2,96805	0,00299696	0,0195283	yes
AN2909	ChrVI_A_nidulans_FGSC_A4:2429606-2431104	WT_5hasex	WT_veg	OK	97,9519	235,477	1,26544	-2,62583	0,00864372	0,0464039	yes
AN2912	ChrVI_A_nidulans_FGSC_A4:2417460-2418561	WT_5hasex	WT_veg	OK	504,642	193,12	-1,38576	2,21788	0,0265632	0,110491	no
AN2913	ChrVI_A_nidulans_FGSC_A4:2414338-2415491	WT_5hasex	WT_veg	OK	46,0621	52,4736	0,188013	-0,376544	0,706512	0,873108	no
AN2914	ChrVI_A_nidulans_FGSC_A4:2410414-2412081	WT_5hasex	WT_veg	OK	96,103	157,974	0,717036	-1,45674	0,145189	0,371243	no
AN2915	ChrVI_A_nidulans_FGSC_A4:2408704-2410029	WT_5hasex	WT_veg	NOTEST	0,149995	0,635896	2,08388	-0,876607	0,3807	1	no
AN2916	ChrVI_A_nidulans_FGSC_A4:2405123-2407480	WT_5hasex	WT_veg	OK	104,544	254,105	1,28131	-2,60649	0,00914757	0,0485517	yes
AN2917	ChrVI_A_nidulans_FGSC_A4:2402925-2404654	WT_5hasex	WT_veg	OK	161,722	238,711	0,561747	-1,13716	0,25547	0,524805	no
AN2920	ChrVI_A_nidulans_FGSC_A4:2395427-2396375	WT_5hasex	WT_veg	OK	25,0318	68,3995	1,45022	-2,48717	0,0128765	0,0635961	no
AN2921	ChrVI_A_nidulans_FGSC_A4:2389991-2391506	WT_5hasex	WT_veg	OK	3,1041	2,57438	-0,26995	0,326971	0,74369	0,892156	no
AN2922	ChrVI_A_nidulans_FGSC_A4:2387751-2388615	WT_5hasex	WT_veg	OK	10,3969	18,1749	0,805802	-1,18238	0,237055	0,502473	no
AN2923	ChrVI_A_nidulans_FGSC_A4:2385362-2386739	WT_5hasex	WT_veg	OK	11,476	22,9634	1,00072	-1,58065	0,113959	0,316547	no
AN2924	ChrVI_A_nidulans_FGSC_A4:2380864-2384412	WT_5hasex	WT_veg	OK	9,60139	5,48562	-0,807589	1,29454	0,19548	0,448164	no
AN2927	ChrVI_A_nidulans_FGSC_A4:2367805-2370292	WT_5hasex	WT_veg	OK	20,7688	30,6541	0,561665	-1,13809	0,255082	0,524395	no
AN2928	ChrVI_A_nidulans_FGSC_A4:2361389-2364114	WT_5hasex	WT_veg	OK	428,994	661,374	0,62451	-1,08653	0,277247	0,550522	no
AN2930	ChrVI_A_nidulans_FGSC_A4:2355716-2356526	WT_5hasex	WT_veg	OK	171,267	343,034	1,0021	-2,07013	0,0384402	0,146519	no
AN2931	ChrVI_A_nidulans_FGSC_A4:2354166-2355629	WT_5hasex	WT_veg	OK	4,20214	8,39193	0,997877	-1,42797	0,153301	0,384606	no
AN2932	ChrVI_A_nidulans_FGSC_A4:2351597-2354019	WT_5hasex	WT_veg	OK	454,596	1677,3	1,88348	-3,03988	0,0023667	0,0160668	yes
AN2933	ChrVI_A_nidulans_FGSC_A4:2349633-2351190	WT_5hasex	WT_veg	OK	51,52	107,421	1,06007	-2,07924	0,0375953	0,144043	no
AN2934	ChrVI_A_nidulans_FGSC_A4:2348622-2349534	WT_5hasex	WT_veg	OK	89,2173	92,7958	0,056736	-0,113264	0,909821	0,965882	no
AN2935	ChrVI_A_nidulans_FGSC_A4:2347278-2348211	WT_5hasex	WT_veg	OK	13,5936	23,7251	0,80349	-1,28026	0,200454	0,455161	no
AN2936	ChrVI_A_nidulans_FGSC_A4:2343392-2346986	WT_5hasex	WT_veg	OK	41,6907	80,9125	0,956637	-1,96449	0,0494731	0,176264	no
AN2937	ChrVI_A_nidulans_FGSC_A4:2337902-2339615	WT_5hasex	WT_veg	OK	17,0821	39,9092	1,22424	-2,04724	0,0406341	0,152573	no
AN2938	ChrVI_A_nidulans_FGSC_A4:2334836-2336675	WT_5hasex	WT_veg	OK	9,60478	20,6206	1,10226	-1,71771	0,0858501	0,260659	no
AN2939	ChrVI_A_nidulans_FGSC_A4:2332366-2334469	WT_5hasex	WT_veg	OK	131,964	209,097	0,664022	-1,29851	0,194111	0,446111	no
AN2940	ChrVI_A_nidulans_FGSC_A4:2328288-2330519	WT_5hasex	WT_veg	OK	46,877	89,9809	0,94074	-1,94838	0,0513691	0,180884	no
AN2941	ChrVI_A_nidulans_FGSC_A4:2325927-2327405	WT_5hasex	WT_veg	OK	49,1382	115,281	1,23024	-2,03925	0,0414252	0,154668	no
AN2942	ChrVI_A_nidulans_FGSC_A4:2319102-2320641	WT_5hasex	WT_veg	OK	104,511	51,3222	-1,026	1,81961	0,0688191	0,22276	no
AN2947	ChrVI_A_nidulans_FGSC_A4:2296436-2301857	WT_5hasex	WT_veg	OK	34,6736	37,1124	0,098062	-0,193322	0,846706	0,939474	no
AN2948	ChrVI_A_nidulans_FGSC_A4:2294988-2295843	WT_5hasex	WT_veg	OK	75,1438	139,416	0,891665	-1,77719	0,0755366	0,237991	no
AN2949	ChrVI_A_nidulans_FGSC_A4:2293968-2294929	WT_5hasex	WT_veg	OK	49,1698	109,56	1,15588	-2,26052	0,0237887	0,101542	no
AN2950	ChrVI_A_nidulans_FGSC_A4:2288680-2289594	WT_5hasex	WT_veg	OK	4,41869	13,0513	1,5625	-1,86717	0,0618782	0,206479	no
AN2951	ChrVI_A_nidulans_FGSC_A4:2285739-2287339	WT_5hasex	WT_veg	OK	30,3925	101,336	1,73735	-3,50423	0,00045793	0,00404049	yes
AN2952	ChrVI_A_nidulans_FGSC_A4:2283900-2285182	WT_5hasex	WT_veg	OK	28,1647	47,6135	0,75748	-1,35479	0,175483	0,149846	no
AN2953	ChrVI_A_nidulans_FGSC_A4:2278954-2280298	WT_5hasex	WT_veg	OK	119,868	404,885	1,75607	-3,57497	0,00035027	0,00321061	yes
AN2954	ChrVI_A_nidulans_FGSC_A4:2273441-2276283	WT_5hasex	WT_veg	OK	18,4228	136,309	2,88731	-5,46253	4,694E-08	1,1736E-06	yes
AN2955	ChrVI_A_nidulans_FGSC_A4:2262553-2271400	WT_5hasex	WT_veg	OK	7,56841	30,215	1,9972	-4,15108	3,3091E-05	0,00041804	yes
AN2956	ChrVI_A_nidulans_FGSC_A4:2259423-2261872	WT_5hasex	WT_veg	NOTEST	1,31126	2,95318	1,17131	-1,391	0,164224	1	no
AN2957	ChrVI_A_nidulans_FGSC_A4:2257487-2259253	WT_5hasex	WT_veg	OK	2,62555	5,46602	1,05787	-1,32723	0,184434	0,432793	no
AN2958	ChrVI_A_nidulans_FGSC_A4:2254641-2256654	WT_5hasex	WT_veg	OK	3,22101	8,10194	1,33075	-1,88417	0,0595418	0,201207	no

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AN2959	ChrVI_A_nidulans_FGSC_A4:2247674-2249574	WT_5hasex	WT_veg	OK	3,26589	2,89939	-0,171727	0,226168	0,82107	0,928419	no
AN2960	ChrVI_A_nidulans_FGSC_A4:2244816-2246167	WT_5hasex	WT_veg	OK	8,79047	10,1388	0,205878	-0,307274	0,758635	0,900226	no
AN2961	ChrVI_A_nidulans_FGSC_A4:2241535-2243436	WT_5hasex	WT_veg	OK	7,24397	19,04	1,39418	-2,24118	0,0250144	0,105489	no
AN2963	ChrVI_A_nidulans_FGSC_A4:2232097-2236278	WT_5hasex	WT_veg	OK	27,531	47,166	0,776689	-1,60177	0,109206	0,307883	no
AN2965	ChrVI_A_nidulans_FGSC_A4:2226344-2228305	WT_5hasex	WT_veg	OK	15,5534	34,7022	1,15779	-2,16217	0,0306051	0,123215	no
AN2967	ChrVI_A_nidulans_FGSC_A4:2219923-2221261	WT_5hasex	WT_veg	OK	12,2583	26,1976	1,09568	-1,86093	0,0627534	0,208574	no
AN2969	ChrVI_A_nidulans_FGSC_A4:2213564-2214913	WT_5hasex	WT_veg	OK	28,0129	57,9932	1,04979	-1,99382	0,046172	0,167812	no
AN2970	ChrVI_A_nidulans_FGSC_A4:2211268-2212610	WT_5hasex	WT_veg	OK	78,5086	179,715	1,19479	-2,47448	0,0133432	0,0653895	no
AN2971	ChrVI_A_nidulans_FGSC_A4:2209875-2211171	WT_5hasex	WT_veg	OK	10,8786	16,3343	0,586412	-0,988611	0,322854	0,599149	no
AN2972	ChrVI_A_nidulans_FGSC_A4:2208562-2209694	WT_5hasex	WT_veg	OK	49,0148	56,4901	0,204781	-0,397533	0,690974	0,024781	no
AN2973	ChrVI_A_nidulans_FGSC_A4:2204988-2208312	WT_5hasex	WT_veg	OK	5,49614	23,1186	2,07257	-3,64769	0,00026461	0,00253677	yes
AN2974	ChrVI_A_nidulans_FGSC_A4:2201579-2203533	WT_5hasex	WT_veg	OK	13,989	14,1305	0,0145258	-0,024662	0,980325	0,993176	no
AN2975	ChrVI_A_nidulans_FGSC_A4:2198718-2199237	WT_5hasex	WT_veg	OK	66,007	77,3688	0,229133	-0,399121	0,689804	0,863514	no
AN2976	ChrVI_A_nidulans_FGSC_A4:2197822-2198416	WT_5hasex	WT_veg	OK	117,188	307,231	1,3905	-2,80756	0,00499177	0,0297012	yes
AN2977	ChrVI_A_nidulans_FGSC_A4:2195519-2197475	WT_5hasex	WT_veg	OK	406,318	1821,06	2,1641	-3,87428	0,00010694	0,00116386	yes
AN2978	ChrVI_A_nidulans_FGSC_A4:2194354-2195360	WT_5hasex	WT_veg	OK	516,502	1648,9	1,67465	-2,89878	0,00374612	0,023526	yes
AN2979	ChrVI_A_nidulans_FGSC_A4:2192123-2194201	WT_5hasex	WT_veg	OK	192,322	641,061	1,73694	-3,3754	0,00073707	0,00605109	yes
AN2980	ChrVI_A_nidulans_FGSC_A4:2188399-2189607	WT_5hasex	WT_veg	OK	2161,95	3193,1	0,562627	-0,888611	0,374212	0,648891	no
AN2982	ChrVI_A_nidulans_FGSC_A4:2180809-2182943	WT_5hasex	WT_veg	OK	19,1006	20,6843	0,11492	-0,21706	0,828162	0,931555	no
AN2985	ChrVI_A_nidulans_FGSC_A4:2169365-2171604	WT_5hasex	WT_veg	OK	15,1739	199,882	3,71948	-7,10456	1,207E-12	6,7279E-11	yes
AN2986	ChrVI_A_nidulans_FGSC_A4:2167524-2168648	WT_5hasex	WT_veg	OK	40,6748	102,655	1,33559	-2,58345	0,00978177	0,0511868	no
AN2987	ChrVI_A_nidulans_FGSC_A4:2165815-2166877	WT_5hasex	WT_veg	OK	9,14536	9,79442	0,0989195	-0,144496	0,885108	0,956347	no
AN2988	ChrVI_A_nidulans_FGSC_A4:2163749-2164855	WT_5hasex	WT_veg	OK	27,4775	35,9247	0,386727	-0,677811	0,497892	0,748295	no
AN2989	ChrVI_A_nidulans_FGSC_A4:2162247-2163053	WT_5hasex	WT_veg	OK	526,357	790,847	0,587355	-1,15483	0,24816	0,51638	no
AN2990	ChrVI_A_nidulans_FGSC_A4:2158482-2159070	WT_5hasex	WT_veg	OK	16,2037	20,1942	0,317621	-0,478407	0,632361	0,831829	no
AN2991	ChrVI_A_nidulans_FGSC_A4:2157617-2158086	WT_5hasex	WT_veg	OK	44,2068	39,349	-0,16794	0,279296	0,780018	0,910122	no
AN2992	ChrVI_A_nidulans_FGSC_A4:2155368-2157131	WT_5hasex	WT_veg	OK	253,326	519,169	1,03521	-2,00752	0,0446939	0,163741	no
AN2993	ChrVI_A_nidulans_FGSC_A4:2153560-2155272	WT_5hasex	WT_veg	OK	88,581	407,275	2,20093	-3,72474	0,00019551	0,00195483	yes
AN2994	ChrVI_A_nidulans_FGSC_A4:2149522-2153106	WT_5hasex	WT_veg	OK	4,38103	7,31201	0,738998	-1,13504	0,256359	0,526069	no
AN2995	ChrVI_A_nidulans_FGSC_A4:2147704-2149126	WT_5hasex	WT_veg	OK	118,435	265,971	1,16717	-2,42714	0,0152183	0,0722948	no
AN2997	ChrVI_A_nidulans_FGSC_A4:2144521-2147001	WT_5hasex	WT_veg	OK	135,877	310,046	1,19018	-2,23408	0,025478	0,07013	no
AN2998	ChrVI_A_nidulans_FGSC_A4:2140669-2144012	WT_5hasex	WT_veg	OK	66,4437	154,023	1,21294	-2,37657	0,0174743	0,0803521	no
AN3000	ChrVI_A_nidulans_FGSC_A4:2134122-2134743	WT_5hasex	WT_veg	OK	66,1077	215,799	1,7068	-3,25022	0,00115316	0,0088293	yes
AN3001	ChrVI_A_nidulans_FGSC_A4:2130985-2132979	WT_5hasex	WT_veg	OK	114,444	89,9822	-0,346934	0,605566	0,544803	0,778893	no
AN3002	ChrVI_A_nidulans_FGSC_A4:2127885-2129816	WT_5hasex	WT_veg	OK	7,48829	9,88245	0,400231	-0,667515	0,504443	0,75265	no
AN3003	ChrVI_A_nidulans_FGSC_A4:2125809-2127496	WT_5hasex	WT_veg	OK	18,1704	29,4827	0,69828	-1,3207	0,1866	0,43577	no
AN3004	ChrVI_A_nidulans_FGSC_A4:2124049-2125443	WT_5hasex	WT_veg	OK	21,2352	31,8831	0,586334	-1,07223	0,283617	0,557406	no
AN3005	ChrVI_A_nidulans_FGSC_A4:2121028-2123852	WT_5hasex	WT_veg	OK	46,8401	249,707	2,41442	-4,97041	6,6812E-07	1,2829E-05	yes
AN3006	ChrVI_A_nidulans_FGSC_A4:2119660-2120515	WT_5hasex	WT_veg	OK	6,53054	13,467	1,04416	-1,48612	0,137247	0,357992	no
AN3007	ChrVI_A_nidulans_FGSC_A4:2117760-2118592	WT_5hasex	WT_veg	NOTEST	0,424476	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN3008	ChrVI_A_nidulans_FGSC_A4:2116375-2116799	WT_5hasex	WT_veg	NOTEST	0,585896	2,73167	2,22106	-1,14626	0,251686	1	no
AN3009	ChrVI_A_nidulans_FGSC_A4:2113483-2115580	WT_5hasex	WT_veg	NOTEST	0,860884	1,52866	0,828374	-0,791852	0,428447	1	no
AN3010	ChrVI_A_nidulans_FGSC_A4:2111893-2113141	WT_5hasex	WT_veg	OK	14,1654	36,7215	1,37426	-2,42938	0,0151246	0,0719921	no
AN3011	ChrVI_A_nidulans_FGSC_A4:2110675-2111515	WT_5hasex	WT_veg	OK	498,441	744,904	0,579631	-1,16639	0,243456	0,51067	no
AN3012	ChrVI_A_nidulans_FGSC_A4:2106234-2110426	WT_5hasex	WT_veg	OK	31,0168	29,3554	-0,0794209	0,164666	0,869207	0,950004	no
AN3013	ChrVI_A_nidulans_FGSC_A4:2103148-2105592	WT_5hasex	WT_veg	OK	32,5586	61,9899	0,928996	-1,77432	0,076011	0,239079	no
AN3014	ChrVI_A_nidulans_FGSC_A4:2098259-2102636	WT_5hasex	WT_veg	OK	21,1681	37,9403	0,84184	-1,68997	0,0910335	0,271064	no
AN3015	ChrVI_A_nidulans_FGSC_A4:2096399-2097275	WT_5hasex	WT_veg	OK	6,79693	5,17651	-0,392905	0,517973	0,604477	0,816092	no
AN3016	ChrVI_A_nidulans_FGSC_A4:2094728-2096104	WT_5hasex	WT_veg	OK	11,7888	29,625	1,3294	-2,29959	0,0214713	0,094061	no
AN3017	ChrVI_A_nidulans_FGSC_A4:2092426-2094012	WT_5hasex	WT_veg	OK	45,116	77,8528	0,787111	-1,58637	0,112656	0,314028	no
AN3018	ChrVI_A_nidulans_FGSC_A4:2090854-2092180	WT_5hasex	WT_veg	OK	10,1799	11,7519	0,207165	-0,329363	0,741881	0,891448	no
AN3019	ChrVI_A_nidulans_FGSC_A4:2089697-2090780	WT_5hasex	WT_veg	OK	244,175	419,25	0,779893	-1,57582	0,115068	0,318414	no
AN3021	ChrVI_A_nidulans_FGSC_A4:2079791-2084256	WT_5hasex	WT_veg	OK	20,748	66,9803	1,69077	-2,98881	0,00280068	0,0184512	yes

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AN3022	ChrVI_A_nidulans_FGSC_A4:2077643-2079075	WT_5hasex	WT_veg	OK	214,272	661,322	1,62591	-3,19688	0,00138923	0,0103012	yes
AN3023	ChrVI_A_nidulans_FGSC_A4:2075622-2077311	WT_5hasex	WT_veg	OK	6,65624	4,52462	-0,556912	0,818288	0,413193	0,682698	no
AN3024	ChrVI_A_nidulans_FGSC_A4:2073638-2075279	WT_5hasex	WT_veg	OK	24,86687	22,7059	3,19066	-5,87825	4,1462E-09	1,2964E-07	yes
AN3025	ChrVI_A_nidulans_FGSC_A4:2072600-2073427	WT_5hasex	WT_veg	OK	23,3743	66,5033	1,5085	-2,60069	0,00930376	0,0491567	yes
AN3027	ChrVI_A_nidulans_FGSC_A4:2067132-2067909	WT_5hasex	WT_veg	OK	71,635	258,323	1,85044	-3,43502	0,00059252	0,00503389	yes
AN3028	ChrVI_A_nidulans_FGSC_A4:2065474-2066615	WT_5hasex	WT_veg	OK	29,5465	75,2271	1,34826	-2,65372	0,007961	0,0434057	yes
AN3029	ChrVI_A_nidulans_FGSC_A4:2061807-2065062	WT_5hasex	WT_veg	OK	36,1284	63,0539	0,803451	-1,63818	0,101384	0,292407	no
AN3030	ChrVI_A_nidulans_FGSC_A4:2060204-2061458	WT_5hasex	WT_veg	OK	31,4795	67,5773	1,10213	-2,05607	0,0397755	0,150264	no
AN3031	ChrVI_A_nidulans_FGSC_A4:2058031-2059915	WT_5hasex	WT_veg	OK	87,1623	130,51	0,582382	-1,02049	0,307497	0,58361	no
AN3032	ChrVI_A_nidulans_FGSC_A4:2056028-2057394	WT_5hasex	WT_veg	OK	3,10779	8,6976	1,48473	-2,02756	0,0426047	0,157913	no
AN3033	ChrVI_A_nidulans_FGSC_A4:2052681-2054393	WT_5hasex	WT_veg	OK	20,5086	40,6963	0,98867	-1,86835	0,0617131	0,206256	no
AN3035	ChrVI_A_nidulans_FGSC_A4:2047117-2049514	WT_5hasex	WT_veg	OK	19,6093	23,0377	0,23246	-0,46072	0,645	0,838588	no
AN3036	ChrVI_A_nidulans_FGSC_A4:2045049-2046030	WT_5hasex	WT_veg	OK	144,41	224,406	0,635935	-1,28819	0,19768	0,451364	no
AN3037	ChrVI_A_nidulans_FGSC_A4:2041854-2044076	WT_5hasex	WT_veg	OK	2,15798	1,30528	-0,725325	0,823082	0,410461	0,680384	no
AN3038	ChrVI_A_nidulans_FGSC_A4:2038761-2040819	WT_5hasex	WT_veg	OK	33,93	126,364	1,89695	-3,90415	9,4558E-05	0,00104361	yes
AN3039	ChrVI_A_nidulans_FGSC_A4:2037446-2038563	WT_5hasex	WT_veg	OK	31,3952	50,0284	0,672202	-1,2799	0,200582	0,455234	no
AN3040	ChrVI_A_nidulans_FGSC_A4:2035524-2037411	WT_5hasex	WT_veg	OK	7,04922	20,7397	1,55686	-2,61065	0,00903699	0,0480963	yes
AN3041	ChrVI_A_nidulans_FGSC_A4:2029568-2031557	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3042	ChrVI_A_nidulans_FGSC_A4:2028123-2028915	WT_5hasex	WT_veg	OK	10,4078	4,28024	-1,2819	1,59159	0,111478	0,311872	no
AN3043	ChrVI_A_nidulans_FGSC_A4:2023548-2025116	WT_5hasex	WT_veg	OK	15,2752	23,9033	0,64602	-1,10488	0,269211	0,541023	no
AN3045	ChrVI_A_nidulans_FGSC_A4:2017444-2019109	WT_5hasex	WT_veg	NOTEST	1,40853	0	-1.79769e+308	-1.79769e+308	0,0402618	1	no
AN3046	ChrVI_A_nidulans_FGSC_A4:2016164-2017188	WT_5hasex	WT_veg	NOTEST	0,365404	1,94678	2,41353	-1,56014	0,118726	1	no
AN3047	ChrVI_A_nidulans_FGSC_A4:2012816-2014010	WT_5hasex	WT_veg	OK	10,6932	23,005	1,10526	-1,7873	0,0738895	0,234096	no
AN3048	ChrVI_A_nidulans_FGSC_A4:2010310-2011696	WT_5hasex	WT_veg	OK	10,4831	29,5055	1,49292	-2,32367	0,0201429	0,0896416	no
AN3050	ChrVI_A_nidulans_FGSC_A4:2003645-2006218	WT_5hasex	WT_veg	OK	8,83333	17,6257	0,996654	-1,78261	0,07465	0,235751	no
AN3052	ChrVI_A_nidulans_FGSC_A4:1995553-1996051	WT_5hasex	WT_veg	NOTEST	1,05137	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN3054	ChrVI_A_nidulans_FGSC_A4:1985995-1989108	WT_5hasex	WT_veg	OK	9,30531	18,6261	1,0012	-1,81767	0,0691145	0,223454	no
AN3055	ChrVI_A_nidulans_FGSC_A4:1984708-1985721	WT_5hasex	WT_veg	OK	131,342	176,767	0,428521	-0,865372	0,386834	0,660397	no
AN3056	ChrVI_A_nidulans_FGSC_A4:1982757-1984228	WT_5hasex	WT_veg	OK	9,7413	51,2098	2,39423	-3,93787	8,221E-05	0,00092326	yes
AN3057	ChrVI_A_nidulans_FGSC_A4:1978537-1982590	WT_5hasex	WT_veg	OK	45,4782	41,3506	-0,137266	0,258926	0,795692	0,917098	no
AN3058	ChrVI_A_nidulans_FGSC_A4:1978537-1982590	WT_5hasex	WT_veg	OK	242,704	565,314	1,21986	-2,04548	0,0408071	0,15295	no
AN3060	ChrVI_A_nidulans_FGSC_A4:1974017-1974990	WT_5hasex	WT_veg	OK	107,198	91,2785	-0,231934	0,474701	0,635	0,833158	no
AN3061	ChrVI_A_nidulans_FGSC_A4:1971952-1973841	WT_5hasex	WT_veg	OK	45,9052	67,836	0,563393	-1,14939	0,250393	0,518897	no
AN3062	ChrVI_A_nidulans_FGSC_A4:1967504-1971560	WT_5hasex	WT_veg	OK	11,9884	22,3307	0,897396	-1,78539	0,0741974	0,234873	no
AN3063	ChrVI_A_nidulans_FGSC_A4:1965059-1967166	WT_5hasex	WT_veg	OK	15,5377	82,071	2,4011	-4,6535	3,2635E-06	5,3061E-05	yes
AN3064	ChrVI_A_nidulans_FGSC_A4:1963411-1964615	WT_5hasex	WT_veg	OK	104,538	99,5102	-0,0711073	0,138184	0,890095	0,958356	no
AN3066	ChrVI_A_nidulans_FGSC_A4:1958905-1960731	WT_5hasex	WT_veg	OK	4,0042	8,14486	1,02438	-1,42441	0,154328	0,386258	no
AN3067	ChrVI_A_nidulans_FGSC_A4:1951052-1957853	WT_5hasex	WT_veg	OK	6,4567	12,3114	0,931121	-1,83514	0,0664855	0,2173	no
AN3068	ChrVI_A_nidulans_FGSC_A4:1949979-1950632	WT_5hasex	WT_veg	OK	85,046	89,9887	0,0814995	-0,156299	0,875797	0,952455	no
AN3070	ChrVI_A_nidulans_FGSC_A4:1944399-1946504	WT_5hasex	WT_veg	OK	122,433	183,093	0,580588	-1,17158	0,241365	0,507564	no
AN3071	ChrVI_A_nidulans_FGSC_A4:1943106-1944227	WT_5hasex	WT_veg	OK	13,1249	22,0402	0,747829	-1,27332	0,202905	0,458728	no
AN3072	ChrVI_A_nidulans_FGSC_A4:1939477-1942231	WT_5hasex	WT_veg	OK	45,1749	54,8884	0,280979	-0,554565	0,579192	0,800616	no
AN3073	ChrVI_A_nidulans_FGSC_A4:1937280-1939126	WT_5hasex	WT_veg	OK	30,5635	47,6145	0,639593	-1,23274	0,217671	0,478177	no
AN3074	ChrVI_A_nidulans_FGSC_A4:1930786-1932214	WT_5hasex	WT_veg	OK	7,61584	10,3814	0,44692	-0,704743	0,48097	0,735813	no
AN3076	ChrVI_A_nidulans_FGSC_A4:1922142-1923112	WT_5hasex	WT_veg	OK	1,77611	12,1534	2,77457	-2,60972	0,00906176	0,0482037	yes
AN3077	ChrVI_A_nidulans_FGSC_A4:1914509-1916136	WT_5hasex	WT_veg	OK	1,11579	3,92217	1,81359	-1,81946	0,068842	0,22282	no
AN3078	ChrVI_A_nidulans_FGSC_A4:1913068-1913553	WT_5hasex	WT_veg	OK	0,483705	4,51043	3,22106	-1,90802	0,056389	0,193281	no
AN3080	ChrVI_A_nidulans_FGSC_A4:1906802-1910091	WT_5hasex	WT_veg	OK	24,8014	29,1568	0,233406	-0,477412	0,633069	0,832094	no
AN3081	ChrVI_A_nidulans_FGSC_A4:1904357-1906540	WT_5hasex	WT_veg	OK	41,6054	42,7369	0,0387121	-0,0708681	0,943503	0,978908	no
AN3082	ChrVI_A_nidulans_FGSC_A4:1901103-1904195	WT_5hasex	WT_veg	OK	23,452	23,2103	-0,0149432	0,0307633	0,975458	0,991386	no
AN3083	ChrVI_A_nidulans_FGSC_A4:1896987-1899078	WT_5hasex	WT_veg	OK	19,9776	32,0629	0,682523	-1,26335	0,206464	0,463307	no
AN3084	ChrVI_A_nidulans_FGSC_A4:1894624-1896093	WT_5hasex	WT_veg	OK	23,2142	50,3601	1,11727	-2,11586	0,0343564	0,134837	no
AN3085	ChrVI_A_nidulans_FGSC_A4:1890896-1892758	WT_5hasex	WT_veg	OK	127,582	1150,92	3,17329	-5,46756	4,5628E-08	1,1453E-06	yes

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AN3086	ChrVI_A_nidulans_FGSC_A4:1886655-1888821	WT_5hasex	WT_veg	OK	15,7809	35,281	1,16071	-2,04651	0,040706	0,152746	no
AN3087	ChrVI_A_nidulans_FGSC_A4:1882020-1883937	WT_5hasex	WT_veg	OK	38,7969	87,6025	1,17503	-2,42033	0,0155064	0,0733429	no
AN3088	ChrVI_A_nidulans_FGSC_A4:1880563-1881897	WT_5hasex	WT_veg	OK	355,185	543,687	0,6142	-1,22947	0,218897	0,737422	no
AN3089	ChrVI_A_nidulans_FGSC_A4:1878110-1879329	WT_5hasex	WT_veg	OK	180,391	449,813	1,3182	-2,64503	0,00816843	0,0443245	yes
AN3091	ChrVI_A_nidulans_FGSC_A4:1868818-1871583	WT_5hasex	WT_veg	OK	30,8617	59,2527	0,941065	-1,93323	0,0532083	0,185424	no
AN3092	ChrVI_A_nidulans_FGSC_A4:1861826-1867097	WT_5hasex	WT_veg	OK	15,2024	16,5074	0,118808	-0,237861	0,811989	0,924538	no
AN3094	ChrVI_A_nidulans_FGSC_A4:1852291-1854826	WT_5hasex	WT_veg	OK	10,3977	13,5298	0,379879	-0,687858	0,491542	0,74365	no
AN3097	ChrVI_A_nidulans_FGSC_A4:1845893-1847095	WT_5hasex	WT_veg	OK	14,6578	34,1929	1,22203	-2,11888	0,034101	0,134056	no
AN3099	ChrVI_A_nidulans_FGSC_A4:1840767-1842325	WT_5hasex	WT_veg	NOTEST	0,544671	1,46168	1,42417	-1,33955	0,18039	1	no
AN3100	ChrVI_A_nidulans_FGSC_A4:1838592-1839281	WT_5hasex	WT_veg	OK	73,7288	82,8652	0,168539	-0,284215	0,776246	0,908721	no
AN3103	ChrVI_A_nidulans_FGSC_A4:1815239-1815560	WT_5hasex	WT_veg	OK	4,30523	6,76506	0,652014	-0,622762	0,533441	0,772064	no
AN3104	ChrVI_A_nidulans_FGSC_A4:1813092-1814472	WT_5hasex	WT_veg	OK	56,38	145,338	1,36616	-2,59212	0,00953876	0,0501857	no
AN3105	ChrVI_A_nidulans_FGSC_A4:1811230-1812956	WT_5hasex	WT_veg	OK	9,49355	10,6796	0,169837	-0,277219	0,781612	0,910847	no
AN3107	ChrVI_A_nidulans_FGSC_A4:1801285-1802985	WT_5hasex	WT_veg	OK	7,99527	10,1065	0,338069	-0,540208	0,589054	0,806617	no
AN3108	ChrVI_A_nidulans_FGSC_A4:1798434-1800576	WT_5hasex	WT_veg	OK	16,1733	22,4729	0,47457	-0,914733	0,360332	0,634927	no
AN3110	ChrVI_A_nidulans_FGSC_A4:1794581-1797475	WT_5hasex	WT_veg	OK	23,4084	29,3738	0,327503	-0,677492	0,498094	0,748347	no
AN3111	ChrVI_A_nidulans_FGSC_A4:1792204-1794025	WT_5hasex	WT_veg	OK	2,09931	3,07987	0,552951	-0,699605	0,484174	0,738374	no
AN3113	ChrVI_A_nidulans_FGSC_A4:1784658-1786349	WT_5hasex	WT_veg	OK	123,711	224,975	0,862789	-1,78618	0,0740706	0,234585	no
AN3114	ChrVI_A_nidulans_FGSC_A4:1781628-1783483	WT_5hasex	WT_veg	OK	37,0994	164,09	2,14502	-4,3691	1,2476E-05	0,00017476	yes
AN3115	ChrVI_A_nidulans_FGSC_A4:1778561-1780920	WT_5hasex	WT_veg	OK	12,0143	18,1039	0,591551	-1,02573	0,30502	0,581117	no
AN3116	ChrVI_A_nidulans_FGSC_A4:1775242-1777604	WT_5hasex	WT_veg	OK	12,8213	17,9216	0,48316	-0,923232	0,355886	0,631268	no
AN3117	ChrVI_A_nidulans_FGSC_A4:1770537-1774173	WT_5hasex	WT_veg	OK	62,9505	25,4771	-1,30502	2,27736	0,0227645	0,0981975	no
AN3118	ChrVI_A_nidulans_FGSC_A4:1768404-1770392	WT_5hasex	WT_veg	OK	19,3844	26,0158	0,424489	-0,823909	0,409991	0,680014	no
AN3119	ChrVI_A_nidulans_FGSC_A4:1766841-1767792	WT_5hasex	WT_veg	OK	5,66095	7,65928	0,436165	-0,596431	0,550888	0,782638	no
AN3120	ChrVI_A_nidulans_FGSC_A4:1763831-1766046	WT_5hasex	WT_veg	OK	7,90758	16,7115	1,07953	-1,81898	0,068914	0,222971	no
AN3121	ChrVI_A_nidulans_FGSC_A4:1761578-1762445	WT_5hasex	WT_veg	OK	107,259	678,111	2,66042	-5,02853	4,9424E-07	9,7586E-06	yes
AN3122	ChrVI_A_nidulans_FGSC_A4:1757875-1760457	WT_5hasex	WT_veg	OK	50,7585	76,7594	0,596694	-1,23817	0,215654	0,47556	no
AN3123	ChrVI_A_nidulans_FGSC_A4:1751224-1757577	WT_5hasex	WT_veg	OK	14,1848	18,3329	0,370096	-0,756912	0,449102	0,711552	no
AN3124	ChrVI_A_nidulans_FGSC_A4:1748174-1751071	WT_5hasex	WT_veg	OK	29,8095	54,2601	0,86412	-1,79137	0,0732336	0,232764	no
AN3125	ChrVI_A_nidulans_FGSC_A4:1746178-1747604	WT_5hasex	WT_veg	OK	5,96792	28,8553	2,27353	-3,47511	0,00051065	0,00443253	yes
AN3127	ChrVI_A_nidulans_FGSC_A4:1740901-1742104	WT_5hasex	WT_veg	OK	2,91658	6,6711	1,19365	-1,54755	0,12173	0,33089	no
AN3130	ChrVI_A_nidulans_FGSC_A4:1729136-1731238	WT_5hasex	WT_veg	OK	11,7001	32,0644	1,45446	-2,24789	0,0245835	0,104023	no
AN3131	ChrVI_A_nidulans_FGSC_A4:1726634-1728222	WT_5hasex	WT_veg	OK	37,4619	38,0525	0,0225668	-0,0451111	0,964019	0,986499	no
AN3132	ChrVI_A_nidulans_FGSC_A4:1724722-1726234	WT_5hasex	WT_veg	OK	44,031	49,3421	0,1643	-0,330714	0,740861	0,891277	no
AN3133	ChrVI_A_nidulans_FGSC_A4:1723290-1724232	WT_5hasex	WT_veg	OK	6,22775	16,7772	1,42972	-2,08004	0,0375223	0,143868	no
AN3134	ChrVI_A_nidulans_FGSC_A4:1720837-1722811	WT_5hasex	WT_veg	OK	102,335	135,782	0,40799	-0,835613	0,403373	0,674672	no
AN3135	ChrVI_A_nidulans_FGSC_A4:1720196-1720823	WT_5hasex	WT_veg	OK	23,3364	96,9126	2,0541	-3,53042	0,00041491	0,0037096	yes
AN3136	ChrVI_A_nidulans_FGSC_A4:1715841-1719601	WT_5hasex	WT_veg	OK	17,7945	15,5065	-0,198563	0,39984	0,689274	0,863243	no
AN3137	ChrVI_A_nidulans_FGSC_A4:1713779-1715105	WT_5hasex	WT_veg	OK	84,7854	223,676	1,39952	-2,89338	0,00381125	0,0238582	yes
AN3139	ChrVI_A_nidulans_FGSC_A4:1708304-1709832	WT_5hasex	WT_veg	OK	11,7217	2,67021	-2,13415	2,63841	0,00832958	0,0450033	yes
AN3140	ChrVI_A_nidulans_FGSC_A4:1706019-1707922	WT_5hasex	WT_veg	OK	71,7192	184,884	1,36619	-2,75595	0,00585223	0,0338039	yes
AN3141	ChrVI_A_nidulans_FGSC_A4:1701745-1704936	WT_5hasex	WT_veg	OK	99,5699	310,753	1,64198	-2,65609	0,00790517	0,0431552	yes
AN3142	ChrVI_A_nidulans_FGSC_A4:1698957-1701203	WT_5hasex	WT_veg	OK	69,852	110,853	0,666277	-1,37142	0,170245	0,411323	no
AN3143	ChrVI_A_nidulans_FGSC_A4:1692065-1694675	WT_5hasex	WT_veg	OK	12,5236	14,8562	0,246411	-0,4584	0,646665	0,839732	no
AN3145	ChrVI_A_nidulans_FGSC_A4:1680897-1683040	WT_5hasex	WT_veg	OK	54,9902	101,649	0,886347	-1,77071	0,0766092	0,240431	no
AN3147	ChrVI_A_nidulans_FGSC_A4:1668938-1669925	WT_5hasex	WT_veg	OK	524,873	431,421	-0,282873	0,55586	0,578306	0,800099	no
AN3148	ChrVI_A_nidulans_FGSC_A4:1665307-1668740	WT_5hasex	WT_veg	OK	44,5695	158,891	1,83391	-3,47879	0,00050369	0,00437936	yes
AN3149	ChrVI_A_nidulans_FGSC_A4:1664212-1665141	WT_5hasex	WT_veg	OK	40,0647	49,1458	0,294737	-0,565781	0,571542	0,796147	no
AN3150	ChrVI_A_nidulans_FGSC_A4:1660969-1663388	WT_5hasex	WT_veg	OK	74,7072	246,61	1,72291	-3,56791	0,00035984	0,00328253	yes
AN3151	ChrVI_A_nidulans_FGSC_A4:1660294-1660777	WT_5hasex	WT_veg	OK	6,4884	5,01013	-0,373013	0,394069	0,69353	0,865665	no
AN3153	ChrVI_A_nidulans_FGSC_A4:1639090-1640515	WT_5hasex	WT_veg	OK	31,5201	49,407	0,648445	-1,2077	0,227162	0,490088	no
AN3154	ChrVI_A_nidulans_FGSC_A4:1635053-1637274	WT_5hasex	WT_veg	OK	12,7599	12,5387	-0,0252303	0,0470057	0,962509	0,986203	no
AN3155	ChrVI_A_nidulans_FGSC_A4:1632340-1634493	WT_5hasex	WT_veg	OK	23,773	80,4776	1,75926	-3,25974	0,00111515	0,00859609	yes

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AN3156	ChrVI_A_nidulans_FGSC_A4:1630456-1632191	WT_5hasex	WT_veg	OK	133,188	208,854	0,649035	-1,30642	0,191408	0,442445	no
AN3157	ChrVI_A_nidulans_FGSC_A4:1627576-1630305	WT_5hasex	WT_veg	OK	49,2194	58,0135	0,237162	-0,490776	0,623585	0,826294	no
AN3158	ChrVI_A_nidulans_FGSC_A4:1626070-1627255	WT_5hasex	WT_veg	OK	20,6684	11,9055	-0,795805	1,40398	0,160325	0,395841	no
AN3159	ChrVI_A_nidulans_FGSC_A4:1622189-1623731	WT_5hasex	WT_veg	OK	1,86641	5,63604	1,59441	-2,01625	0,0437739	0,161152	no
AN3160	ChrVI_A_nidulans_FGSC_A4:1619723-1621678	WT_5hasex	WT_veg	OK	4,61456	2,85263	-0,693902	0,957156	0,338488	0,614455	no
AN3161	ChrVI_A_nidulans_FGSC_A4:1617420-1618559	WT_5hasex	WT_veg	OK	161,183	435,553	1,43415	-2,88348	0,00393309	0,0244573	yes
AN3162	ChrVI_A_nidulans_FGSC_A4:1615159-1615889	WT_5hasex	WT_veg	OK	39,8076	34,9849	-0,186312	0,315103	0,752684	0,897207	no
AN3163	ChrVI_A_nidulans_FGSC_A4:1612516-1613896	WT_5hasex	WT_veg	OK	1509,75	1216,26	-0,311851	0,445066	0,656272	0,84517	no
AN3164	ChrVI_A_nidulans_FGSC_A4:1611238-1612225	WT_5hasex	WT_veg	OK	12,8248	22,7217	0,825131	-1,36464	0,172365	0,414667	no
AN3165	ChrVI_A_nidulans_FGSC_A4:1608561-1610436	WT_5hasex	WT_veg	OK	35,1246	118,127	1,74978	-3,59814	0,0003205	0,00298042	yes
AN3166	ChrVI_A_nidulans_FGSC_A4:1607439-1608212	WT_5hasex	WT_veg	OK	13,0631	40,9401	1,64801	-2,60439	0,00920374	0,0487708	yes
AN3168	ChrVI_A_nidulans_FGSC_A4:1603047-1604375	WT_5hasex	WT_veg	OK	122,126	227,955	0,900373	-1,85681	0,0633388	0,209935	no
AN3169	ChrVI_A_nidulans_FGSC_A4:1600286-1602206	WT_5hasex	WT_veg	OK	67,4638	211,84	1,65079	-3,43729	0,00058757	0,00500156	yes
AN3170	ChrVI_A_nidulans_FGSC_A4:1595670-1598568	WT_5hasex	WT_veg	OK	14,6409	47,3954	1,69474	-3,22576	0,00125637	0,00947418	yes
AN3171	ChrVI_A_nidulans_FGSC_A4:1594015-1594873	WT_5hasex	WT_veg	OK	16,7134	55,7384	1,73767	-2,61482	0,00892757	0,0476592	yes
AN3172	ChrVI_A_nidulans_FGSC_A4:1592425-1593864	WT_5hasex	WT_veg	OK	581,712	675,301	0,215225	-0,386599	0,699053	0,868793	no
AN3173	ChrVI_A_nidulans_FGSC_A4:1591211-1592199	WT_5hasex	WT_veg	OK	70,1154	211,639	1,5938	-3,25892	0,00111837	0,00861959	yes
AN3174	ChrVI_A_nidulans_FGSC_A4:1589088-1589895	WT_5hasex	WT_veg	OK	7,79945	28,2959	1,85915	-2,69639	0,00700946	0,0391797	yes
AN3175	ChrVI_A_nidulans_FGSC_A4:1581973-1583611	WT_5hasex	WT_veg	OK	1,5925	35,8123	4,49109	-6,06452	1,3235E-09	4,5478E-08	yes
AN3177	ChrVI_A_nidulans_FGSC_A4:1577823-1578969	WT_5hasex	WT_veg	OK	22,4049	40,7447	0,862797	-1,57305	0,115708	0,319492	no
AN3179	ChrVI_A_nidulans_FGSC_A4:1572738-1574866	WT_5hasex	WT_veg	OK	87,9496	232,608	1,40315	-2,88961	0,00385717	0,0240766	yes
AN3180	ChrVI_A_nidulans_FGSC_A4:1567679-1569792	WT_5hasex	WT_veg	OK	145,948	266,084	0,866424	-1,74934	0,0802314	0,248216	no
AN3181	ChrVI_A_nidulans_FGSC_A4:1562831-1564849	WT_5hasex	WT_veg	OK	36,0065	81,1304	1,17199	-2,05525	0,0398549	0,150464	no
AN3182	ChrVI_A_nidulans_FGSC_A4:1559952-1560569	WT_5hasex	WT_veg	OK	39,8606	25,9839	-0,617345	0,953585	0,340294	0,615975	no
AN3183	ChrVI_A_nidulans_FGSC_A4:1554339-1558158	WT_5hasex	WT_veg	OK	7,82499	12,507	0,676574	-1,29447	0,195504	0,448164	no
AN3184	ChrVI_A_nidulans_FGSC_A4:1552265-1553886	WT_5hasex	WT_veg	OK	20,1474	29,1483	0,532815	-1,00283	0,315945	0,592158	no
AN3186	ChrVI_A_nidulans_FGSC_A4:1547353-1549939	WT_5hasex	WT_veg	OK	20,4733	39,3558	0,942832	-1,91109	0,0559928	0,192272	no
AN3187	ChrVI_A_nidulans_FGSC_A4:1543713-1545716	WT_5hasex	WT_veg	OK	10,4709	19,5312	0,899401	-1,60579	0,10832	0,306274	no
AN3188	ChrVI_A_nidulans_FGSC_A4:1539289-1543022	WT_5hasex	WT_veg	OK	34,9585	104,587	1,58099	-3,30207	0,00095975	0,00759139	yes
AN3190	ChrVI_A_nidulans_FGSC_A4:1529646-1531061	WT_5hasex	WT_veg	OK	87,1414	192,395	1,14264	-2,39394	0,0166685	0,0776051	no
AN3191	ChrVI_A_nidulans_FGSC_A4:1528257-1529439	WT_5hasex	WT_veg	OK	8,49169	13,1882	0,635126	-0,967915	0,333087	0,609463	no
AN3193	ChrVI_A_nidulans_FGSC_A4:1522054-1523490	WT_5hasex	WT_veg	OK	39,4218	59,3867	0,591146	-1,17711	0,239152	0,505	no
AN3194	ChrVI_A_nidulans_FGSC_A4:1519689-1521804	WT_5hasex	WT_veg	OK	24,594	83,3356	1,76062	-3,30088	0,00096383	0,00761332	yes
AN3195	ChrVI_A_nidulans_FGSC_A4:1517095-1519006	WT_5hasex	WT_veg	NOTEST	0,278411	0,508383	0,868703	-0,482521	0,629436	1	no
AN3197	ChrVI_A_nidulans_FGSC_A4:1513299-1513935	WT_5hasex	WT_veg	OK	3,2049	6,73691	1,07181	-1,22685	0,219879	0,48117	no
AN3198	ChrVI_A_nidulans_FGSC_A4:1511882-1512867	WT_5hasex	WT_veg	OK	59,1576	20,6003	-1,5219	2,72359	0,00645758	0,0367023	yes
AN3199	ChrVI_A_nidulans_FGSC_A4:1508925-1510753	WT_5hasex	WT_veg	NOTEST	1,60525	1,13429	-0,501006	0,488007	0,625545	1	no
AN3200	ChrVI_A_nidulans_FGSC_A4:1503886-1506040	WT_5hasex	WT_veg	OK	29,1666	51,9917	0,833965	-1,52118	0,128214	0,342122	no
AN3203	ChrVI_A_nidulans_FGSC_A4:1493748-1494933	WT_5hasex	WT_veg	OK	13,2573	27,1319	1,0332	-1,74848	0,0803805	0,248457	no
AN3204	ChrVI_A_nidulans_FGSC_A4:1487718-1489473	WT_5hasex	WT_veg	OK	1,4308	4,77416	1,73842	-2,17229	0,0298335	0,120881	no
AN3205	ChrVI_A_nidulans_FGSC_A4:1484769-1486358	WT_5hasex	WT_veg	NOTEST	0,749708	2,82518	1,91394	-1,98564	0,0470732	1	no
AN3206	ChrVI_A_nidulans_FGSC_A4:1480835-1482864	WT_5hasex	WT_veg	OK	99,3959	15,796	-2,65362	4,56889	4,903E-06	7,6071E-05	yes
AN3207	ChrVI_A_nidulans_FGSC_A4:1477402-1479729	WT_5hasex	WT_veg	NOTEST	1,1071	0,826414	-0,421847	0,364791	0,715267	1	no
AN3208	ChrVI_A_nidulans_FGSC_A4:1475058-1477107	WT_5hasex	WT_veg	NOTEST	1,89256	1,15634	-0,710775	0,709039	0,4783	1	no
AN3209	ChrVI_A_nidulans_FGSC_A4:1474034-1474669	WT_5hasex	WT_veg	OK	4,9904	3,47633	-0,521591	0,4818	0,629948	0,830439	no
AN3210	ChrVI_A_nidulans_FGSC_A4:1464945-1467562	WT_5hasex	WT_veg	NOTEST	0,332576	0	-1.79769e+308	-1.79769e+308	0,0375932	1	no
AN3211	ChrVI_A_nidulans_FGSC_A4:1460415-1461226	WT_5hasex	WT_veg	OK	10,4029	4,48407	-1,2141	1,50273	0,132908	0,350458	no
AN3212	ChrVI_A_nidulans_FGSC_A4:1459015-1459964	WT_5hasex	WT_veg	OK	3,48589	2,52679	-0,464221	0,480878	0,630603	0,830775	no
AN3214	ChrVI_A_nidulans_FGSC_A4:1443411-1446416	WT_5hasex	WT_veg	OK	21,4287	20,5017	-0,0638058	0,129352	0,897079	0,960695	no
AN3215	ChrVI_A_nidulans_FGSC_A4:1441088-1441760	WT_5hasex	WT_veg	OK	2,76282	9,24692	1,74283	-1,84982	0,0643401	0,212354	no
AN3216	ChrVI_A_nidulans_FGSC_A4:1436523-1439892	WT_5hasex	WT_veg	OK	6,36069	14,4843	1,18724	-2,01517	0,0438872	0,161478	no
AN3217	ChrVI_A_nidulans_FGSC_A4:1433361-1435725	WT_5hasex	WT_veg	OK	4,11333	3,94364	-0,0607801	0,0882855	0,92965	0,973256	no
AN3218	ChrVI_A_nidulans_FGSC_A4:1430276-1431050	WT_5hasex	WT_veg	OK	26,3218	14,893	-0,821618	1,33879	0,18064	0,427162	no

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AN3219	ChrVI_A_nidulans_FGSC_A4:1428798-1429977	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3220	ChrVI_A_nidulans_FGSC_A4:1425866-1428151	WT_5hasex	WT_veg	OK	3,9631	7,93548	1,00169	-1,49722	0,134336	0,353095	no
AN3221	ChrVI_A_nidulans_FGSC_A4:1423156-1425072	WT_5hasex	WT_veg	OK	13,09	14,8561	0,182581	-0,311382	0,75551	0,898615	no
AN3222	ChrVI_A_nidulans_FGSC_A4:1418640-1420425	WT_5hasex	WT_veg	OK	91,8931	265,694	1,53174	-3,12174	0,00179788	0,0127676	yes
AN3224	ChrVI_A_nidulans_FGSC_A4:1412557-1414555	WT_5hasex	WT_veg	OK	33,75	45,1676	0,420402	-0,857221	0,391323	0,66451	no
AN3226	ChrVI_A_nidulans_FGSC_A4:1407003-1408197	WT_5hasex	WT_veg	OK	1022,88	964,329	-0,0850438	0,127001	0,898939	0,9612	no
AN3227	ChrVI_A_nidulans_FGSC_A4:1404836-1406437	WT_5hasex	WT_veg	OK	24,1786	0,113703	-7,73232	2,6118	0,00900678	0,047994	yes
AN3228	ChrVI_A_nidulans_FGSC_A4:1402956-1403965	WT_5hasex	WT_veg	OK	56,9336	6,92673	-3,03903	4,52652	5,9962E-06	9,1103E-05	yes
AN3229	ChrVI_A_nidulans_FGSC_A4:1400277-1402216	WT_5hasex	WT_veg	OK	52,0161	4,8026	-3,43707	5,4271	5,7278E-08	1,4118E-06	yes
AN3230	ChrVI_A_nidulans_FGSC_A4:1392710-1399356	WT_5hasex	WT_veg	OK	25,8811	8,37504	-1,62773	2,56692	0,0102607	0,0531618	no
AN3231	ChrVI_A_nidulans_FGSC_A4:1390865-1392196	WT_5hasex	WT_veg	OK	38,5036	130,206	1,75773	-3,56093	0,00036955	0,00335732	yes
AN3232	ChrVI_A_nidulans_FGSC_A4:1388855-1390532	WT_5hasex	WT_veg	OK	6,2897	70,1442	3,47926	-5,55184	2,8268E-08	7,4326E-07	yes
AN3233	ChrVI_A_nidulans_FGSC_A4:1384968-1386990	WT_5hasex	WT_veg	NOTEST	0,203192	0,244776	0,268623	-0,136715	0,891256	1	no
AN3234	ChrVI_A_nidulans_FGSC_A4:1382968-1383909	WT_5hasex	WT_veg	OK	5,22985	3,34875	-0,643148	0,694134	0,487598	0,741106	no
AN3235	ChrVI_A_nidulans_FGSC_A4:1380430-1381689	WT_5hasex	WT_veg	NOTEST	0	0,189193	1.79769e+308	1.79769e+308	0,309884	1	no
AN3236	ChrVI_A_nidulans_FGSC_A4:1378527-1379639	WT_5hasex	WT_veg	OK	28,5349	48,4359	0,76335	-1,44216	0,149258	0,377791	no
AN3237	ChrVI_A_nidulans_FGSC_A4:1375806-1377662	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3238	ChrVI_A_nidulans_FGSC_A4:1372974-1373580	WT_5hasex	WT_veg	OK	5,65198	1,83837	-1,62033	1,0838	0,278456	0,551689	no
AN3239	ChrVI_A_nidulans_FGSC_A4:1370151-1371627	WT_5hasex	WT_veg	OK	103,146	16,8961	-2,60992	4,39254	1,1204E-05	0,00015889	yes
AN3240	ChrVI_A_nidulans_FGSC_A4:1366763-1369608	WT_5hasex	WT_veg	NOTEST	1,11725	0	-1.79769e+308	-1.79769e+308	0,043391	1	no
AN3241	ChrVI_A_nidulans_FGSC_A4:1364029-1365237	WT_5hasex	WT_veg	NOTEST	0,494638	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN3242	ChrVI_A_nidulans_FGSC_A4:1363030-1363721	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3243	ChrVI_A_nidulans_FGSC_A4:1361053-1362061	WT_5hasex	WT_veg	NOTEST	0,515281	1,02904	0,997869	-0,717997	0,472759	1	no
AN3244	ChrVI_A_nidulans_FGSC_A4:1357079-1358903	WT_5hasex	WT_veg	OK	6,11058	19,5575	1,67834	-2,48894	0,0128124	0,063357	no
AN3245	ChrVI_A_nidulans_FGSC_A4:1356323-1356806	WT_5hasex	WT_veg	NOTEST	0	1,86489	1.79769e+308	1.79769e+308	0,123323	1	no
AN3246	ChrVI_A_nidulans_FGSC_A4:1354082-1354760	WT_5hasex	WT_veg	OK	1,33982	26,4803	4,30481	-4,61222	3,984E-06	6,3034E-05	yes
AN3247	ChrVI_A_nidulans_FGSC_A4:1346222-1350716	WT_5hasex	WT_veg	OK	20,8309	0,199484	-6,70631	4,73948	2,1427E-06	3,6574E-05	yes
AN3248	ChrVI_A_nidulans_FGSC_A4:1343991-1345434	WT_5hasex	WT_veg	NOTEST	0,139034	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN3249	ChrVI_A_nidulans_FGSC_A4:1342383-1343530	WT_5hasex	WT_veg	NOTEST	0,178535	3,32958	4,22106	-2,67254	0,00752784	1	no
AN3250	ChrVI_A_nidulans_FGSC_A4:1338760-1340143	WT_5hasex	WT_veg	NOTEST	0,14912	0,589509	1,98304	-0,83419	0,404174	1	no
AN3251	ChrVI_A_nidulans_FGSC_A4:1337289-1338294	WT_5hasex	WT_veg	OK	4,55189	31,5107	2,7913	-3,88746	0,0001013	0,00110822	yes
AN3252	ChrVI_A_nidulans_FGSC_A4:1332079-1335062	WT_5hasex	WT_veg	NOTEST	0,0676332	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN3254	ChrVI_A_nidulans_FGSC_A4:1326526-1328416	WT_5hasex	WT_veg	NOTEST	0	0,495715	1.79769e+308	1.79769e+308	0,123323	1	no
AN3255	ChrVI_A_nidulans_FGSC_A4:1324990-1326065	WT_5hasex	WT_veg	OK	32,1398	489,955	3,93022	-7,05567	1,7177E-12	9,2606E-11	yes
AN3257	ChrVI_A_nidulans_FGSC_A4:1320974-1322359	WT_5hasex	WT_veg	NOTEST	0	0,665346	1.79769e+308	1.79769e+308	0,123323	1	no
AN3258	ChrVI_A_nidulans_FGSC_A4:1315104-1315869	WT_5hasex	WT_veg	OK	93,0877	406,331	2,12599	-4,07792	4,544E-05	0,00055074	yes
AN3259	ChrVI_A_nidulans_FGSC_A4:1312156-1313587	WT_5hasex	WT_veg	NOTEST	0,147058	2,29487	3,96396	-1,89155	0,0585512	1	no
AN3261	ChrVI_A_nidulans_FGSC_A4:1305320-1307697	WT_5hasex	WT_veg	NOTEST	0,506748	0	-1.79769e+308	-1.79769e+308	0,081629	1	no
AN3262	ChrVI_A_nidulans_FGSC_A4:1300808-1303030	WT_5hasex	WT_veg	OK	20,2615	40,7773	1,00902	-1,92511	0,054215	0,187883	no
AN3263	ChrVI_A_nidulans_FGSC_A4:1299546-1300293	WT_5hasex	WT_veg	OK	3,77276	7,55083	1,00101	-1,24764	0,212165	0,470976	no
AN3264	ChrVI_A_nidulans_FGSC_A4:1296287-1298112	WT_5hasex	WT_veg	OK	29,4019	99,5289	1,75921	-3,19914	0,0013784	0,0102339	yes
AN3267	ChrVI_A_nidulans_FGSC_A4:1287680-1290841	WT_5hasex	WT_veg	NOTEST	0,736437	0,437508	-0,751252	0,606282	0,544327	1	no
AN3269	ChrVI_A_nidulans_FGSC_A4:1279122-1281272	WT_5hasex	WT_veg	OK	1,91314	4,28076	1,16192	-1,48875	0,136552	0,356746	no
AN3270	ChrVI_A_nidulans_FGSC_A4:1276976-1278700	WT_5hasex	WT_veg	NOTEST	0,269314	0,51343	0,930882	-0,529701	0,596319	1	no
AN3271	ChrVI_A_nidulans_FGSC_A4:1274488-1276163	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3273	ChrVI_A_nidulans_FGSC_A4:1263713-1271743	WT_5hasex	WT_veg	NOTEST	0,141958	0,0343146	-2,04857	0,673175	0,500836	1	no
AN3276	ChrVI_A_nidulans_FGSC_A4:1255249-1256226	WT_5hasex	WT_veg	OK	5,28527	9,97833	0,916821	-1,24837	0,211897	0,47078	no
AN3277	ChrVI_A_nidulans_FGSC_A4:1253458-1254638	WT_5hasex	WT_veg	OK	3,43812	2,3859	-0,527087	0,572336	0,567094	0,793545	no
AN3278	ChrVI_A_nidulans_FGSC_A4:1251725-1253145	WT_5hasex	WT_veg	OK	5,58156	3,88077	-0,524325	0,731928	0,464213	0,7234	no
AN3279	ChrVI_A_nidulans_FGSC_A4:1249954-1251520	WT_5hasex	WT_veg	NOTEST	1,91241	1,99538	0,0612728	-0,0596305	0,95245	1	no
AN3280	ChrVI_A_nidulans_FGSC_A4:1247563-1249055	WT_5hasex	WT_veg	OK	1,3466	4,12203	1,61403	-1,8292	0,0673697	0,219414	no
AN3282	ChrVI_A_nidulans_FGSC_A4:1243525-1244908	WT_5hasex	WT_veg	OK	15,4408	16,5503	0,100118	-0,163866	0,869837	0,950202	no
AN3283	ChrVI_A_nidulans_FGSC_A4:1240762-1241608	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN3284	ChrVI_A_nidulans_FGSC_A4:1236879-1238080	WT_5hasex	WT_veg	OK	5,68909	7,42376	0,383954	-0,528121	0,597415	0,811597	no
AN3285	ChrVI_A_nidulans_FGSC_A4:1234918-1236310	WT_5hasex	WT_veg	OK	7,67758	11,2366	0,549476	-0,794509	0,426899	0,693828	no
AN3286	ChrVI_A_nidulans_FGSC_A4:1231199-1232967	WT_5hasex	WT_veg	OK	10,1724	15,3776	0,596164	-0,967972	0,333058	0,609454	no
AN3287	ChrVI_A_nidulans_FGSC_A4:1229134-1230916	WT_5hasex	WT_veg	NOTEST	0,305237	1,43488	2,23293	-1,68384	0,0922133	1	no
AN3290	ChrVI_A_nidulans_FGSC_A4:1214554-1217963	WT_5hasex	WT_veg	OK	3,91465	7,13274	0,865572	-1,22793	0,219472	0,480647	no
AN3291	ChrVI_A_nidulans_FGSC_A4:1212385-1213909	WT_5hasex	WT_veg	OK	8,14638	20,5136	1,33235	-2,12931	0,0332284	0,131275	no
AN3292	ChrVI_A_nidulans_FGSC_A4:1211376-1211941	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3293	ChrVI_A_nidulans_FGSC_A4:1209168-1209963	WT_5hasex	WT_veg	OK	7,18447	16,5803	1,20652	-1,71489	0,0863659	0,261744	no
AN3294	ChrVI_A_nidulans_FGSC_A4:1207401-1209001	WT_5hasex	WT_veg	OK	31,4735	57,0799	0,858846	-1,66308	0,0962959	0,281882	no
AN3295	ChrVI_A_nidulans_FGSC_A4:1205112-1206060	WT_5hasex	WT_veg	OK	2,98649	4,17183	0,482229	-0,572443	0,567022	0,793513	no
AN3296	ChrVI_A_nidulans_FGSC_A4:1204246-1204803	WT_5hasex	WT_veg	OK	12,546	19,6789	0,649423	-0,916652	0,359325	0,634028	no
AN3298	ChrVI_A_nidulans_FGSC_A4:1200539-1201472	WT_5hasex	WT_veg	OK	1,81483	6,41478	1,82157	-1,75433	0,0793737	0,246438	no
AN3299	ChrVI_A_nidulans_FGSC_A4:1199508-1200275	WT_5hasex	WT_veg	OK	11,5562	26,0531	1,17279	-1,65	0,0989434	0,287137	no
AN3300	ChrVI_A_nidulans_FGSC_A4:1195783-1197378	WT_5hasex	WT_veg	OK	4,34141	9,02186	1,05526	-1,54301	0,122827	0,33263	no
AN3301	ChrVI_A_nidulans_FGSC_A4:1193758-1195433	WT_5hasex	WT_veg	OK	10,3558	29,9329	1,53129	-2,62147	0,00875522	0,0469016	yes
AN3302	ChrVI_A_nidulans_FGSC_A4:1191250-1192474	WT_5hasex	WT_veg	NOTEST	0,341299	0,670521	0,974247	-0,541145	0,588408	1	no
AN3303	ChrVI_A_nidulans_FGSC_A4:1189183-1190595	WT_5hasex	WT_veg	OK	3,91412	0	-1.79769e+308	-1.79769e+308	0,0133822	0,0654889	no
AN3304	ChrVI_A_nidulans_FGSC_A4:1185931-1188080	WT_5hasex	WT_veg	OK	6,21759	0,558343	-3,47713	2,46456	0,0137182	0,0667156	no
AN3305	ChrVI_A_nidulans_FGSC_A4:1183090-1184275	WT_5hasex	WT_veg	OK	18,4385	32,8952	0,835159	-1,3982	0,162054	0,398197	no
AN3306	ChrVI_A_nidulans_FGSC_A4:1178353-1181300	WT_5hasex	WT_veg	NOTEST	0,357763	0,45078	0,333423	-0,207383	0,835711	1	no
AN3310	ChrVI_A_nidulans_FGSC_A4:1160819-1161982	WT_5hasex	WT_veg	OK	729,738	5336,73	2,8705	-4,66227	3,1274E-06	5,1102E-05	yes
AN3311	ChrVI_A_nidulans_FGSC_A4:1156429-1157865	WT_5hasex	WT_veg	OK	9,33206	16,4244	0,815577	-1,09605	0,273058	0,545741	no
AN3312	ChrVI_A_nidulans_FGSC_A4:1155220-1156304	WT_5hasex	WT_veg	OK	38,8882	149,48	1,94254	-3,17408	0,00150315	0,0110119	yes
AN3313	ChrVI_A_nidulans_FGSC_A4:1152134-1153435	WT_5hasex	WT_veg	OK	16,2099	72,955	2,17013	-3,81463	0,00013639	0,00143808	yes
AN3314	ChrVI_A_nidulans_FGSC_A4:1149169-1149970	WT_5hasex	WT_veg	OK	9,15062	57,4297	2,64986	-2,98424	0,00284281	0,0186842	yes
AN3315	ChrVI_A_nidulans_FGSC_A4:1145054-1147689	WT_5hasex	WT_veg	OK	6,78589	1,04725	-2,69593	2,80867	0,00497465	0,0296162	yes
AN3316	ChrVI_A_nidulans_FGSC_A4:1141969-1142776	WT_5hasex	WT_veg	OK	0,402187	4,8445	3,59041	-1,69077	0,0908798	0,270692	no
AN3317	ChrVI_A_nidulans_FGSC_A4:1141182-1141868	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3318	ChrVI_A_nidulans_FGSC_A4:1134475-1140692	WT_5hasex	WT_veg	NOTEST	0,903362	1,31289	0,539371	-0,645596	0,518541	1	no
AN3321	ChrVI_A_nidulans_FGSC_A4:1117905-1119454	WT_5hasex	WT_veg	OK	4,91193	17,0689	1,79701	-2,6916	0,00711099	0,0396162	yes
AN3322	ChrVI_A_nidulans_FGSC_A4:1115171-1116644	WT_5hasex	WT_veg	OK	2,38817	11,2748	2,23913	-2,73323	0,00627156	0,0358349	yes
AN3323	ChrVI_A_nidulans_FGSC_A4:1111903-1112459	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3324	ChrVI_A_nidulans_FGSC_A4:1110372-1110992	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3325	ChrVI_A_nidulans_FGSC_A4:1103314-1107958	WT_5hasex	WT_veg	NOTEST	0,3162	0,508495	0,685394	-0,687937	0,491492	1	no
AN3326	ChrVI_A_nidulans_FGSC_A4:1101601-1102703	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3327	ChrVI_A_nidulans_FGSC_A4:1096694-1098125	WT_5hasex	WT_veg	NOTEST	1,47818	1,55938	0,0771532	-0,0697265	0,944411	1	no
AN3328	ChrVI_A_nidulans_FGSC_A4:1094155-1095467	WT_5hasex	WT_veg	OK	82,6582	63,0152	-0,391459	0,792948	0,427808	0,694547	no
AN3329	ChrVI_A_nidulans_FGSC_A4:1081665-1085892	WT_5hasex	WT_veg	NOTEST	0,154144	0,763924	2,30915	-2,00507	0,0449557	1	no
AN3330	ChrVI_A_nidulans_FGSC_A4:1078117-1080761	WT_5hasex	WT_veg	NOTEST	0,21745	0,0666452	-1,70611	0,557466	0,577209	1	no
AN3331	ChrVI_A_nidulans_FGSC_A4:1075571-1076606	WT_5hasex	WT_veg	NOTEST	0,93194	1,0031	0,10616	-0,0802825	0,936013	1	no
AN3332	ChrVI_A_nidulans_FGSC_A4:1072861-1073383	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3333	ChrVI_A_nidulans_FGSC_A4:1070097-1072470	WT_5hasex	WT_veg	NOTEST	0,177551	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN3334	ChrVI_A_nidulans_FGSC_A4:1064589-1065717	WT_5hasex	WT_veg	OK	20,6822	78,7164	1,92828	-3,37007	0,00075148	0,00615108	yes
AN3335	ChrVI_A_nidulans_FGSC_A4:1059910-1060793	WT_5hasex	WT_veg	NOTEST	0,22395	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN3336	ChrVI_A_nidulans_FGSC_A4:1058426-1059431	WT_5hasex	WT_veg	OK	15,8021	0,632131	-4,64375	3,30349	0,00095491	0,00756214	yes
AN3338	ChrVI_A_nidulans_FGSC_A4:1051467-1052062	WT_5hasex	WT_veg	NOTEST	0	2,40184	1.79769e+308	1.79769e+308	0,123323	1	no
AN3339	ChrVI_A_nidulans_FGSC_A4:1049592-1050621	WT_5hasex	WT_veg	OK	10,1987	1,62811	-2,64711	2,50203	0,0123484	0,0615214	no
AN3340	ChrVI_A_nidulans_FGSC_A4:1042033-1047124	WT_5hasex	WT_veg	NOTEST	0,244766	0,820077	1,74436	-1,63038	0,103022	1	no
AN3341	ChrVI_A_nidulans_FGSC_A4:1039266-1041000	WT_5hasex	WT_veg	OK	0,351559	8,42835	4,58341	-4,45736	8,2976E-06	0,0001218	yes
AN3342	ChrVI_A_nidulans_FGSC_A4:1033272-1037426	WT_5hasex	WT_veg	OK	3,55358	16,1188	2,1814	-3,36832	0,00075627	0,00618352	yes
AN3344	ChrVI_A_nidulans_FGSC_A4:1023876-1024694	WT_5hasex	WT_veg	OK	98,1833	107,717	0,133694	-0,273058	0,784808	0,912344	no
AN3345	ChrVI_A_nidulans_FGSC_A4:1021784-1023826	WT_5hasex	WT_veg	OK	13,9013	50,0511	1,84818	-3,09996	0,00193544	0,0135807	yes
AN3346	ChrVI_A_nidulans_FGSC_A4:1019349-1020678	WT_5hasex	WT_veg	OK	10,06	37,3919	1,8941	-2,90918	0,00362382	0,0228873	yes

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AN3347	ChrVI_A_nidulans_FGSC_A4:1016602-1018837	WT_5hasex	WT_veg	OK	179,799	107,645	-0,740097	1,25912	0,207986	0,465346	no
AN3348	ChrVI_A_nidulans_FGSC_A4:1014030-1015687	WT_5hasex	WT_veg	OK	85,2826	97,9747	0,200158	-0,372557	0,709478	0,874819	no
AN3351	ChrVI_A_nidulans_FGSC_A4:1000344-1002291	WT_5hasex	WT_veg	OK	4,30969	2,08296	-1,04895	1,16789	0,242852	0,509807	no
AN3353	ChrVI_A_nidulans_FGSC_A4:992885-994365	WT_5hasex	WT_veg	NOTEST	0,446326	0,625136	0,486072	-0,310046	0,756526	1	no
AN3354	ChrVI_A_nidulans_FGSC_A4:991095-992305	WT_5hasex	WT_veg	OK	36,0451	48,7535	0,435701	-0,757411	0,448803	0,711346	no
AN3355	ChrVI_A_nidulans_FGSC_A4:988841-990734	WT_5hasex	WT_veg	OK	14,3459	28,4167	0,986103	-1,60732	0,107985	0,305638	no
AN3356	ChrVI_A_nidulans_FGSC_A4:984249-986704	WT_5hasex	WT_veg	OK	58,691	164,47	1,48661	-2,72805	0,00637101	0,0362963	yes
AN3357	ChrVI_A_nidulans_FGSC_A4:978181-979908	WT_5hasex	WT_veg	OK	227,35	562,622	1,30725	-2,56593	0,0102901	0,0532669	no
AN3358	ChrVI_A_nidulans_FGSC_A4:974350-975690	WT_5hasex	WT_veg	OK	10,4625	19,2117	0,87676	-1,40731	0,159337	0,394425	no
AN3359	ChrVI_A_nidulans_FGSC_A4:969082-970949	WT_5hasex	WT_veg	OK	96,8682	398,99	2,04226	-4,23903	2,2449E-05	0,00029549	yes
AN3360	ChrVI_A_nidulans_FGSC_A4:967280-968333	WT_5hasex	WT_veg	OK	9,86329	6,93076	-0,509056	0,68941	0,490565	0,742943	no
AN3366	ChrVI_A_nidulans_FGSC_A4:946284-946813	WT_5hasex	WT_veg	OK	69,9656	70,4137	0,0092103	-0,0158114	0,987385	0,9955	no
AN3367	ChrVI_A_nidulans_FGSC_A4:944941-945938	WT_5hasex	WT_veg	OK	52,5263	119,813	1,18967	-2,35726	0,0184101	0,0835696	no
AN3369	ChrVI_A_nidulans_FGSC_A4:936106-938538	WT_5hasex	WT_veg	OK	21,0265	9,99489	-1,07294	2,01439	0,0439688	0,161699	no
AN3370	ChrVI_A_nidulans_FGSC_A4:933996-935501	WT_5hasex	WT_veg	OK	17,6826	17,1488	-0,0442221	0,0778842	0,93792	0,976606	no
AN3371	ChrVI_A_nidulans_FGSC_A4:931690-933514	WT_5hasex	WT_veg	OK	49,3766	67,0168	0,440696	-0,891279	0,372779	0,647592	no
AN3373	ChrVI_A_nidulans_FGSC_A4:926303-928264	WT_5hasex	WT_veg	OK	19,7916	60,6119	1,61471	-3,19656	0,00139077	0,0103082	yes
AN3374	ChrVI_A_nidulans_FGSC_A4:923506-925231	WT_5hasex	WT_veg	OK	11,1383	23,1113	1,05307	-1,88863	0,0589411	0,199671	no
AN3375	ChrVI_A_nidulans_FGSC_A4:920937-922820	WT_5hasex	WT_veg	OK	98,7067	463,189	2,23038	-4,50236	6,7205E-06	0,00010088	yes
AN3377	ChrVI_A_nidulans_FGSC_A4:915047-915887	WT_5hasex	WT_veg	OK	9,05351	5,74686	-0,655704	0,893732	0,371465	0,646223	no
AN3378	ChrVI_A_nidulans_FGSC_A4:911237-912305	WT_5hasex	WT_veg	OK	7,76674	19,4692	1,32581	-2,03726	0,0416239	0,155297	no
AN3379	ChrVI_A_nidulans_FGSC_A4:908258-909649	WT_5hasex	WT_veg	OK	5,83772	29,5088	2,33767	-3,04318	0,00234089	0,0159102	yes
AN3380	ChrVI_A_nidulans_FGSC_A4:902509-908036	WT_5hasex	WT_veg	NOTEST	0,285659	1,4763	2,36962	-2,71565	0,00661466	1	no
AN3381	ChrVI_A_nidulans_FGSC_A4:895605-901877	WT_5hasex	WT_veg	OK	9,31054	1,50148	-2,63248	4,93989	7,8167E-07	1,4766E-05	yes
AN3383	ChrVI_A_nidulans_FGSC_A4:891444-893306	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3384	ChrVI_A_nidulans_FGSC_A4:889710-891108	WT_5hasex	WT_veg	OK	4,11619	4,5094	0,131626	-0,174707	0,86131	0,946372	no
AN3385	ChrVI_A_nidulans_FGSC_A4:886083-888092	WT_5hasex	WT_veg	OK	9,44814	14,6343	0,631253	-1,03597	0,300217	0,575821	no
AN3386	ChrVI_A_nidulans_FGSC_A4:877707-885343	WT_5hasex	WT_veg	NOTEST	0,883255	0,999292	0,178078	-0,24948	0,80299	1	no
AN3391	ChrVI_A_nidulans_FGSC_A4:860878-863631	WT_5hasex	WT_veg	NOTEST	0,0932142	0,301162	1,69192	-0,744246	0,456728	1	no
AN3392	ChrVI_A_nidulans_FGSC_A4:857462-859840	WT_5hasex	WT_veg	NOTEST	1,78825	0,375505	-2,25165	1,60049	0,10949	1	no
AN3395	ChrVI_A_nidulans_FGSC_A4:845204-846617	WT_5hasex	WT_veg	OK	5,63413	6,50984	0,20843	-0,271523	0,785989	0,912639	no
AN3396	ChrVI_A_nidulans_FGSC_A4:841204-844204	WT_5hasex	WT_veg	OK	21,9492	14,7316	-0,575258	1,17687	0,239247	0,505083	no
AN3397	ChrVI_A_nidulans_FGSC_A4:836560-837946	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3398	ChrVI_A_nidulans_FGSC_A4:833975-835863	WT_5hasex	WT_veg	NOTEST	0,31288	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN3399	ChrVI_A_nidulans_FGSC_A4:831831-833456	WT_5hasex	WT_veg	NOTEST	0,167782	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3400	ChrVI_A_nidulans_FGSC_A4:830663-831498	WT_5hasex	WT_veg	NOTEST	0,517011	1,10198	1,09183	-0,621285	0,534412	1	no
AN3403	ChrVI_A_nidulans_FGSC_A4:823058-823991	WT_5hasex	WT_veg	OK	8,80082	1,1099	-2,9872	2,54455	0,0109418	0,0559059	no
AN3404	ChrVI_A_nidulans_FGSC_A4:820640-821392	WT_5hasex	WT_veg	OK	2,76055	6,75919	1,29189	-1,42682	0,15363	0,385084	no
AN3405	ChrVI_A_nidulans_FGSC_A4:818161-819868	WT_5hasex	WT_veg	OK	10,5294	10,2424	-0,0398688	0,0679884	0,945795	0,979746	no
AN3406	ChrVI_A_nidulans_FGSC_A4:816608-817459	WT_5hasex	WT_veg	NOTEST	0,890996	2,1931	1,29948	-0,836092	0,403103	1	no
AN3407	ChrVI_A_nidulans_FGSC_A4:812731-814982	WT_5hasex	WT_veg	OK	3,65831	5,47864	0,582639	-0,872359	0,383012	0,656793	no
AN3408	ChrVI_A_nidulans_FGSC_A4:809368-811498	WT_5hasex	WT_veg	OK	247,093	602,306	1,28544	-2,50791	0,0121447	0,0607315	no
AN3409	ChrVI_A_nidulans_FGSC_A4:805682-806747	WT_5hasex	WT_veg	OK	8,87213	7,26749	-0,287823	0,402652	0,687204	0,862536	no
AN3410	ChrVI_A_nidulans_FGSC_A4:803229-805446	WT_5hasex	WT_veg	NOTEST	0,368462	0	-1.79769e+308	-1.79769e+308	0,0649158	1	no
AN3411	ChrVI_A_nidulans_FGSC_A4:801380-802354	WT_5hasex	WT_veg	OK	67,3108	210,716	1,64639	-3,34398	0,00082584	0,00667014	yes
AN3412	ChrVI_A_nidulans_FGSC_A4:799953-800768	WT_5hasex	WT_veg	OK	21,8968	17,1274	-0,354414	0,547787	0,583838	0,803595	no
AN3413	ChrVI_A_nidulans_FGSC_A4:798211-799517	WT_5hasex	WT_veg	OK	968,73	1538,67	0,667519	-1,14511	0,252164	0,521006	no
AN3414	ChrVI_A_nidulans_FGSC_A4:795814-797104	WT_5hasex	WT_veg	OK	6,44503	2,29741	-1,48818	1,67795	0,0933564	0,27592	no
AN3415	ChrVI_A_nidulans_FGSC_A4:794447-795567	WT_5hasex	WT_veg	OK	10,416	9,60471	-0,116982	0,177728	0,858937	0,945231	no
AN3419	ChrVI_A_nidulans_FGSC_A4:782748-783577	WT_5hasex	WT_veg	OK	41,0915	49,8696	0,279319	-0,514015	0,607242	0,817543	no
AN3420	ChrVI_A_nidulans_FGSC_A4:780407-781940	WT_5hasex	WT_veg	OK	11,2504	19,6693	0,805973	-1,40221	0,160852	0,396472	no
AN3421	ChrVI_A_nidulans_FGSC_A4:778060-778923	WT_5hasex	WT_veg	OK	61,0887	57,6815	-0,0827965	0,150512	0,880361	0,954594	no
AN3422	ChrVI_A_nidulans_FGSC_A4:772442-774987	WT_5hasex	WT_veg	OK	28,8763	41,2601	0,514861	-1,04259	0,297137	0,572406	no

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AN3423	ChrVI_A_nidulans_FGSC_A4:767292-771723	WT_5hasex	WT_veg	OK	42,1494	79,1818	0,909658	-1,8577	0,0632113	0,209619	no
AN3424	ChrVI_A_nidulans_FGSC_A4:763344-766662	WT_5hasex	WT_veg	OK	33,3019	51,4452	0,627432	-1,29416	0,19561	0,44829	no
AN3425	ChrVI_A_nidulans_FGSC_A4:761669-763221	WT_5hasex	WT_veg	OK	50,8365	276,229	2,44193	-5,08503	3,6756E-07	7,5179E-06	yes
AN3427	ChrVI_A_nidulans_FGSC_A4:756390-757684	WT_5hasex	WT_veg	OK	20,8622	82,4688	1,98296	-3,69277	0,00022183	0,00217846	yes
AN3429	ChrVI_A_nidulans_FGSC_A4:746800-747816	WT_5hasex	WT_veg	OK	143,195	329,077	1,20045	-2,2431	0,0248903	0,105025	no
AN3430	ChrVI_A_nidulans_FGSC_A4:745347-746491	WT_5hasex	WT_veg	OK	27,7228	38,3307	0,467426	-0,886748	0,375214	0,649961	no
AN3431	ChrVI_A_nidulans_FGSC_A4:743873-745238	WT_5hasex	WT_veg	OK	92,969	112,767	0,278526	-0,577353	0,563701	0,791284	no
AN3432	ChrVI_A_nidulans_FGSC_A4:740769-742155	WT_5hasex	WT_veg	OK	47,2877	67,4052	0,511397	-1,02753	0,304172	0,580162	no
AN3433	ChrVI_A_nidulans_FGSC_A4:736516-738218	WT_5hasex	WT_veg	OK	462,849	1445,91	1,64336	-2,2267	0,0259674	0,108668	no
AN3434	ChrVI_A_nidulans_FGSC_A4:733342-734578	WT_5hasex	WT_veg	OK	80,3781	146,648	0,867484	-1,79102	0,0732908	0,23289	no
AN3438	ChrVI_A_nidulans_FGSC_A4:718891-723652	WT_5hasex	WT_veg	OK	29,2647	61,6177	1,07418	-2,0942	0,0362419	0,140355	no
AN3439	ChrVI_A_nidulans_FGSC_A4:716011-717343	WT_5hasex	WT_veg	OK	49,9779	99,4962	0,993352	-1,97156	0,0486598	0,17435	no
AN3442	ChrVI_A_nidulans_FGSC_A4:706341-707886	WT_5hasex	WT_veg	OK	91,8964	116,663	0,344273	-0,669862	0,502946	0,751895	no
AN3445	ChrVI_A_nidulans_FGSC_A4:690061-692561	WT_5hasex	WT_veg	OK	40,2228	115,387	1,5204	-3,15811	0,00158797	0,0115237	yes
AN3446	ChrVI_A_nidulans_FGSC_A4:688200-689661	WT_5hasex	WT_veg	OK	2,03449	7,35574	1,85421	-2,04126	0,0412252	0,15413	no
AN3447	ChrVI_A_nidulans_FGSC_A4:685947-687789	WT_5hasex	WT_veg	OK	53,0796	108,682	1,03388	-2,10738	0,0350848	0,136784	no
AN3448	ChrVI_A_nidulans_FGSC_A4:681782-684673	WT_5hasex	WT_veg	OK	16,8959	39,387	1,22105	-2,46176	0,0138258	0,0671702	no
AN3449	ChrVI_A_nidulans_FGSC_A4:679740-680712	WT_5hasex	WT_veg	OK	48,4799	74,4344	0,618584	-1,23639	0,216312	0,476417	no
AN3450	ChrVI_A_nidulans_FGSC_A4:677521-679563	WT_5hasex	WT_veg	OK	31,6983	64,83	1,03226	-2,10518	0,0352752	0,137332	no
AN3451	ChrVI_A_nidulans_FGSC_A4:673079-677331	WT_5hasex	WT_veg	OK	67,7252	125,757	0,892876	-1,78858	0,0736828	0,233624	no
AN3452	ChrVI_A_nidulans_FGSC_A4:671179-673039	WT_5hasex	WT_veg	OK	45,0405	149,912	1,73482	-3,31322	0,00092229	0,00734162	yes
AN3453	ChrVI_A_nidulans_FGSC_A4:668636-670503	WT_5hasex	WT_veg	OK	29,753	105,441	1,82533	-3,65008	0,00026216	0,00251989	yes
AN3455	ChrVI_A_nidulans_FGSC_A4:660826-664329	WT_5hasex	WT_veg	OK	19,9741	59,5567	1,57614	-3,12854	0,00175676	0,0125454	yes
AN3456	ChrVI_A_nidulans_FGSC_A4:656785-660611	WT_5hasex	WT_veg	OK	44,8487	52,2594	0,220625	-0,45019	0,652574	0,843156	no
AN3457	ChrVI_A_nidulans_FGSC_A4:656785-660611	WT_5hasex	WT_veg	OK	54,1693	76,0761	0,489967	-0,976544	0,328795	0,605224	no
AN3458	ChrVI_A_nidulans_FGSC_A4:655061-655844	WT_5hasex	WT_veg	OK	64,8772	233,566	1,84805	-3,64829	0,00026399	0,00253273	yes
AN3459	ChrVI_A_nidulans_FGSC_A4:652904-654893	WT_5hasex	WT_veg	OK	153,104	389,274	1,34627	-2,63855	0,00832613	0,0449939	yes
AN3461	ChrVI_A_nidulans_FGSC_A4:642371-643889	WT_5hasex	WT_veg	OK	63,8767	90,0318	0,495145	-1,00586	0,314483	0,590706	no
AN3462	ChrVI_A_nidulans_FGSC_A4:640828-642206	WT_5hasex	WT_veg	OK	79,8702	141,808	0,82821	-1,70681	0,0878571	0,264683	no
AN3463	ChrVI_A_nidulans_FGSC_A4:638891-640648	WT_5hasex	WT_veg	OK	80,466	130,32	0,695606	-1,40673	0,159507	0,394697	no
AN3464	ChrVI_A_nidulans_FGSC_A4:637743-638775	WT_5hasex	WT_veg	OK	42,6533	151,832	1,83174	-3,57852	0,00034555	0,00317335	yes
AN3465	ChrVI_A_nidulans_FGSC_A4:634354-637153	WT_5hasex	WT_veg	OK	10,09	35,9337	1,83241	-2,65643	0,00789734	0,0431259	yes
AN3467	ChrVI_A_nidulans_FGSC_A4:633463-634167	WT_5hasex	WT_veg	OK	380,757	631,314	0,729488	-1,50356	0,132696	0,350021	no
AN3470	ChrVI_A_nidulans_FGSC_A4:629417-631082	WT_5hasex	WT_veg	OK	121,273	290,02	1,25789	-2,56467	0,0103273	0,0534279	no
AN3471	ChrII_A_nidulans_FGSC_A4:4068787-4069858	WT_5hasex	WT_veg	OK	2,06599	2,50107	0,275712	-0,287935	0,773396	0,907062	no
AN3472	ChrII_A_nidulans_FGSC_A4:4062117-4066108	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3473	ChrII_A_nidulans_FGSC_A4:4059569-4060688	WT_5hasex	WT_veg	NOTEST	0,353374	0,928197	1,39323	-0,879444	0,37916	1	no
AN3474	ChrII_A_nidulans_FGSC_A4:4057134-4057848	WT_5hasex	WT_veg	OK	7,3675	0	-1.79769e+308	-1.79769e+308	0,010891	0,0557064	no
AN3475	ChrII_A_nidulans_FGSC_A4:4053927-4056395	WT_5hasex	WT_veg	OK	3,36902	0,334682	-3,33147	2,42185	0,0154418	0,0731217	no
AN3476	ChrII_A_nidulans_FGSC_A4:4050724-4052116	WT_5hasex	WT_veg	NOTEST	1,03816	0,442728	-1,22954	0,792484	0,428079	1	no
AN3477	ChrII_A_nidulans_FGSC_A4:4049552-4050328	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3478	ChrII_A_nidulans_FGSC_A4:4046888-4048553	WT_5hasex	WT_veg	OK	13,2369	22,3107	0,753168	-1,36261	0,173005	0,415729	no
AN3479	ChrII_A_nidulans_FGSC_A4:4044076-4046248	WT_5hasex	WT_veg	OK	2,70174	0,463162	-2,5443	2,17574	0,0295745	0,120044	no
AN3480	ChrII_A_nidulans_FGSC_A4:4041023-4041785	WT_5hasex	WT_veg	OK	20,7134	170,404	3,04032	-5,05994	4,1938E-07	8,4492E-06	yes
AN3481	ChrII_A_nidulans_FGSC_A4:4038500-4039021	WT_5hasex	WT_veg	OK	612,58	3139,57	2,3576	-4,18699	2,8267E-05	0,00036359	yes
AN3482	ChrII_A_nidulans_FGSC_A4:4036696-4037949	WT_5hasex	WT_veg	OK	11,9741	60,4396	2,33557	-3,57607	0,0003488	0,00319987	yes
AN3484	ChrII_A_nidulans_FGSC_A4:4026025-4027827	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3485	ChrII_A_nidulans_FGSC_A4:4023319-4025086	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3486	ChrII_A_nidulans_FGSC_A4:4019023-4020449	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3487	ChrII_A_nidulans_FGSC_A4:4015769-4016851	WT_5hasex	WT_veg	OK	3,05516	4,23557	0,471307	-0,556441	0,577909	0,799736	no
AN3488	ChrII_A_nidulans_FGSC_A4:4011013-4012845	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3489	ChrII_A_nidulans_FGSC_A4:4005967-4009117	WT_5hasex	WT_veg	OK	10,8305	10,7818	-0,00650029	0,0123949	0,990111	0,996405	no
AN3490	ChrII_A_nidulans_FGSC_A4:4003672-4005548	WT_5hasex	WT_veg	NOTEST	0,513922	0,470463	-0,127468	0,0847951	0,932424	1	no

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AN3491	ChrII_A_nidulans_FGSC_A4:4001266-4003033	WT_5hasex	WT_veg	OK	6,23056	6,27571	0,0104168	-0,0158077	0,987388	0,9955	no
AN3493	ChrII_A_nidulans_FGSC_A4:3998704-3999413	WT_5hasex	WT_veg	OK	34,292	16,2945	-1,07349	1,6961	0,0898672	0,268883	no
AN3494	ChrII_A_nidulans_FGSC_A4:3996448-3997398	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3498	ChrII_A_nidulans_FGSC_A4:3976945-3979938	WT_5hasex	WT_veg	OK	5,55177	9,79967	0,819784	-1,26771	0,2049	0,461198	no
AN3499	ChrII_A_nidulans_FGSC_A4:3975096-3976514	WT_5hasex	WT_veg	OK	35,5667	38,6075	0,118354	-0,23575	0,813627	0,925354	no
AN3500	ChrII_A_nidulans_FGSC_A4:3972367-3974817	WT_5hasex	WT_veg	OK	8,3441	19,4775	1,22298	-2,12297	0,0337568	0,132975	no
AN3501	ChrII_A_nidulans_FGSC_A4:3967030-3969139	WT_5hasex	WT_veg	OK	6,47221	4,23869	-0,610641	0,944579	0,344874	0,620266	no
AN3502	ChrII_A_nidulans_FGSC_A4:3964348-3966882	WT_5hasex	WT_veg	OK	3,42051	2,02825	-0,753976	0,9236	0,355695	0,631064	no
AN3503	ChrII_A_nidulans_FGSC_A4:3961877-3964000	WT_5hasex	WT_veg	NOTEST	0,105916	0,242809	1,1969	-0,576036	0,564591	1	no
AN3504	ChrII_A_nidulans_FGSC_A4:3958489-3961092	WT_5hasex	WT_veg	NOTEST	0,293774	0,0671235	-2,12982	0,699873	0,484007	1	no
AN3505	ChrII_A_nidulans_FGSC_A4:3956943-3958184	WT_5hasex	WT_veg	OK	4,28926	14,6706	1,77413	-2,38784	0,0169479	0,0786072	no
AN3506	ChrII_A_nidulans_FGSC_A4:3952383-3953767	WT_5hasex	WT_veg	OK	12,1798	63,3639	2,37918	-4,04622	5,2051E-05	0,00061949	yes
AN3507	ChrII_A_nidulans_FGSC_A4:3951461-3952009	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3508	ChrII_A_nidulans_FGSC_A4:3950209-3951177	WT_5hasex	WT_veg	NOTEST	0	1,96902	1.79769e+308	1.79769e+308	0,036343	1	no
AN3509	ChrII_A_nidulans_FGSC_A4:3948739-3949706	WT_5hasex	WT_veg	NOTEST	0,744936	3,85009	2,3697	-2,2076	0,027272	1	no
AN3512	ChrII_A_nidulans_FGSC_A4:3938538-3939048	WT_5hasex	WT_veg	OK	98,8924	246,349	1,31677	-2,42165	0,0154501	0,0731388	no
AN3513	ChrII_A_nidulans_FGSC_A4:3934693-3938464	WT_5hasex	WT_veg	OK	3,17602	3,72717	0,230861	-0,363556	0,71619	0,87828	no
AN3514	ChrII_A_nidulans_FGSC_A4:3933021-3933516	WT_5hasex	WT_veg	NOTEST	0,656493	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3515	ChrII_A_nidulans_FGSC_A4:3927735-3929328	WT_5hasex	WT_veg	NOTEST	0,135416	0,640545	2,2419	-0,995416	0,319534	1	no
AN3517	ChrII_A_nidulans_FGSC_A4:3917843-3918914	WT_5hasex	WT_veg	NOTEST	0,269006	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
AN3518	ChrII_A_nidulans_FGSC_A4:3916246-3917721	WT_5hasex	WT_veg	NOTEST	0,561903	0,863925	0,620585	-0,510233	0,609888	1	no
AN3519	ChrII_A_nidulans_FGSC_A4:3913684-3915843	WT_5hasex	WT_veg	NOTEST	1,12885	3,1228	1,46798	-1,77199	0,0763961	1	no
AN3520	ChrII_A_nidulans_FGSC_A4:3908852-3910826	WT_5hasex	WT_veg	OK	7,99854	6,54011	-0,290423	0,444425	0,656736	0,845362	no
AN3521	ChrII_A_nidulans_FGSC_A4:3907179-3908184	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3523	ChrII_A_nidulans_FGSC_A4:3902457-3903692	WT_5hasex	WT_veg	NOTEST	0,676596	2,38635	1,81844	-1,45165	0,146599	1	no
AN3524	ChrII_A_nidulans_FGSC_A4:3900692-3902062	WT_5hasex	WT_veg	OK	36,1492	17,7961	-1,0224	1,7787	0,0752889	0,237382	no
AN3525	ChrII_A_nidulans_FGSC_A4:3894371-3897725	WT_5hasex	WT_veg	NOTEST	1,57799	1,23001	-0,35942	0,39176	0,695236	1	no
AN3526	ChrII_A_nidulans_FGSC_A4:3886421-3888378	WT_5hasex	WT_veg	OK	16,669	70,7696	2,08596	-3,24513	0,00117399	0,00896389	yes
AN3528	ChrII_A_nidulans_FGSC_A4:3878375-3879902	WT_5hasex	WT_veg	OK	4,779	7,42334	0,63536	-0,88439	0,376486	0,651109	no
AN3529	ChrII_A_nidulans_FGSC_A4:3876401-3877299	WT_5hasex	WT_veg	OK	20,1617	26,9968	0,421166	-0,711562	0,476736	0,732694	no
AN3530	ChrII_A_nidulans_FGSC_A4:3873132-3874642	WT_5hasex	WT_veg	OK	14,7575	57,7194	1,96761	-3,17706	0,00148778	0,0109192	yes
AN3531	ChrII_A_nidulans_FGSC_A4:3870382-3872050	WT_5hasex	WT_veg	NOTEST	0,897591	0	-1.79769e+308	-1.79769e+308	0,0472379	1	no
AN3532	ChrII_A_nidulans_FGSC_A4:3867509-3868016	WT_5hasex	WT_veg	NOTEST	0,411868	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN3533	ChrII_A_nidulans_FGSC_A4:3864047-3865765	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3534	ChrII_A_nidulans_FGSC_A4:3861975-3863227	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3535	ChrII_A_nidulans_FGSC_A4:3852600-3853989	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3536	ChrII_A_nidulans_FGSC_A4:3850285-3852479	WT_5hasex	WT_veg	NOTEST	0,453915	0	-1.79769e+308	-1.79769e+308	0,0444135	1	no
AN3537	ChrII_A_nidulans_FGSC_A4:3848893-3849793	WT_5hasex	WT_veg	NOTEST	0,845347	0,768514	-0,137472	0,0863959	0,931152	1	no
AN3538	ChrII_A_nidulans_FGSC_A4:3846369-3846945	WT_5hasex	WT_veg	OK	0	6,09661	1.79769e+308	1.79769e+308	0,0037306	0,023443	yes
AN3539	ChrII_A_nidulans_FGSC_A4:3839483-3841421	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3540	ChrII_A_nidulans_FGSC_A4:3837573-3839109	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3543	ChrII_A_nidulans_FGSC_A4:3822958-3827911	WT_5hasex	WT_veg	OK	5,01133	3,81252	-0,394447	0,708269	0,478778	0,734131	no
AN3545	ChrII_A_nidulans_FGSC_A4:3812499-3813739	WT_5hasex	WT_veg	NOTEST	0,305326	1,28869	2,07749	-0,87392	0,382162	1	no
AN3546	ChrII_A_nidulans_FGSC_A4:3804762-3807434	WT_5hasex	WT_veg	OK	38,0191	81,2129	1,09499	-2,28242	0,0224644	0,0971962	no
AN3547	ChrII_A_nidulans_FGSC_A4:3797942-3802193	WT_5hasex	WT_veg	OK	24,3888	47,2958	0,955492	-1,98363	0,0472969	0,170869	no
AN3548	ChrII_A_nidulans_FGSC_A4:3795472-3796193	WT_5hasex	WT_veg	OK	3,20566	6,41151	1,00004	-1,06083	0,288766	0,563333	no
AN3549	ChrII_A_nidulans_FGSC_A4:3791604-3794990	WT_5hasex	WT_veg	NOTEST	0,112959	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN3550	ChrII_A_nidulans_FGSC_A4:3790403-3791412	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3551	ChrII_A_nidulans_FGSC_A4:3785465-3789016	WT_5hasex	WT_veg	NOTEST	1,1946	1,22301	0,0339045	-0,0373565	0,970201	1	no
AN3552	ChrII_A_nidulans_FGSC_A4:3783030-3785013	WT_5hasex	WT_veg	OK	2,53096	3,52802	0,479173	-0,569581	0,568962	0,794658	no
AN3553	ChrII_A_nidulans_FGSC_A4:3781117-3782371	WT_5hasex	WT_veg	NOTEST	0,911467	1,30715	0,520162	-0,415902	0,677482	1	no
AN3554	ChrII_A_nidulans_FGSC_A4:3777529-3780401	WT_5hasex	WT_veg	NOTEST	0,460918	0,368275	-0,323727	0,238397	0,811573	1	no
AN3555	ChrII_A_nidulans_FGSC_A4:3774539-3775627	WT_5hasex	WT_veg	OK	900,774	847,647	-0,0877015	0,118588	0,905602	0,963925	no

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AN3556	ChrII_A_nidulans_FGSC_A4:3769806-3772363	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3557	ChrII_A_nidulans_FGSC_A4:3766665-3767897	WT_5hasex	WT_veg	OK	11,465	62,6982	2,45118	-3,52951	0,00041633	0,00371912	yes
AN3558	ChrII_A_nidulans_FGSC_A4:3765474-3766051	WT_5hasex	WT_veg	OK	5,48725	50,0264	3,18854	-3,89549	9,7999E-05	0,00107681	yes
AN3559	ChrII_A_nidulans_FGSC_A4:3763010-3764309	WT_5hasex	WT_veg	OK	9,66202	18,3592	0,926107	-1,42167	0,155122	0,387469	no
AN3560	ChrII_A_nidulans_FGSC_A4:3758278-3760149	WT_5hasex	WT_veg	NOTEST	0,129346	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3561	ChrII_A_nidulans_FGSC_A4:3755483-3757138	WT_5hasex	WT_veg	NOTEST	0	0,585504	1.79769e+308	1.79769e+308	0,123323	1	no
AN3562	ChrII_A_nidulans_FGSC_A4:3753747-3755253	WT_5hasex	WT_veg	NOTEST	0,163438	1,16573	2,83441	-1,37272	0,169839	1	no
AN3563	ChrII_A_nidulans_FGSC_A4:3750752-3752271	WT_5hasex	WT_veg	NOTEST	0,378162	0,670521	0,826277	-0,484605	0,627956	1	no
AN3564	ChrII_A_nidulans_FGSC_A4:3747966-3748989	WT_5hasex	WT_veg	NOTEST	0,50182	0,938081	0,902543	-0,521585	0,601959	1	no
AN3565	ChrII_A_nidulans_FGSC_A4:3746560-3747672	WT_5hasex	WT_veg	OK	3,81653	1,8016	-1,08298	1,1005	0,271112	0,543353	no
AN3567	ChrII_A_nidulans_FGSC_A4:3742204-3744065	WT_5hasex	WT_veg	OK	8,80836	12,566	0,512582	-0,799033	0,424271	0,692067	no
AN3568	ChrII_A_nidulans_FGSC_A4:3738365-3739399	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3570	ChrII_A_nidulans_FGSC_A4:3732374-3733656	WT_5hasex	WT_veg	NOTEST	1,18508	2,61129	1,13978	-1,16163	0,245384	1	no
AN3572	ChrII_A_nidulans_FGSC_A4:3724896-3725293	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3573	ChrII_A_nidulans_FGSC_A4:3722161-3723899	WT_5hasex	WT_veg	OK	7,64957	18,5305	1,27645	-2,06569	0,0388579	0,147639	no
AN3574	ChrII_A_nidulans_FGSC_A4:3719136-3720497	WT_5hasex	WT_veg	OK	2,33497	0	-1.79769e+308	-1.79769e+308	0,0294109	0,119472	no
AN3575	ChrII_A_nidulans_FGSC_A4:3717054-3718328	WT_5hasex	WT_veg	NOTEST	0,390103	0	-1.79769e+308	-1.79769e+308	0,114919	1	no
AN3576	ChrII_A_nidulans_FGSC_A4:3714216-3715318	WT_5hasex	WT_veg	OK	58,5289	55,248	-0,0832271	0,165365	0,868657	0,949725	no
AN3577	ChrII_A_nidulans_FGSC_A4:3712653-3713766	WT_5hasex	WT_veg	OK	22,7654	31,6004	0,473103	-0,833706	0,404447	0,675551	no
AN3578	ChrII_A_nidulans_FGSC_A4:3710152-3712461	WT_5hasex	WT_veg	OK	26,0225	46,1334	0,82605	-1,65392	0,0981432	0,285526	no
AN3579	ChrII_A_nidulans_FGSC_A4:3707229-3708833	WT_5hasex	WT_veg	OK	42,685	92,2767	1,11224	-2,24578	0,0247183	0,104474	no
AN3580	ChrII_A_nidulans_FGSC_A4:3703084-3704388	WT_5hasex	WT_veg	OK	12,3627	10,4079	-0,248315	0,418967	0,67524	0,855615	no
AN3582	ChrII_A_nidulans_FGSC_A4:3694954-3699191	WT_5hasex	WT_veg	OK	24,3593	56,7031	1,21895	-2,3937	0,0166795	0,0776301	no
AN3584	ChrII_A_nidulans_FGSC_A4:3689117-3690819	WT_5hasex	WT_veg	OK	45,3785	78,4028	0,788896	-1,62209	0,104784	0,299198	no
AN3585	ChrII_A_nidulans_FGSC_A4:3688177-3688711	WT_5hasex	WT_veg	OK	39,9503	92,9834	1,21877	-2,11575	0,0343661	0,134853	no
AN3586	ChrII_A_nidulans_FGSC_A4:3685264-3687063	WT_5hasex	WT_veg	OK	74,0525	93,5264	0,336825	-0,665348	0,505828	0,753748	no
AN3588	ChrII_A_nidulans_FGSC_A4:3676113-3677977	WT_5hasex	WT_veg	OK	11,7781	19,8879	0,755783	-1,34811	0,177622	0,422657	no
AN3589	ChrII_A_nidulans_FGSC_A4:3674437-3676022	WT_5hasex	WT_veg	OK	20,7096	25,2653	0,286852	-0,54486	0,58585	0,804837	no
AN3590	ChrII_A_nidulans_FGSC_A4:3670581-3673798	WT_5hasex	WT_veg	OK	116,49	150,798	0,372414	-0,68152	0,495543	0,746534	no
AN3591	ChrII_A_nidulans_FGSC_A4:3670581-3673798	WT_5hasex	WT_veg	OK	50,6853	47,8069	-0,0843494	0,153014	0,878387	0,953677	no
AN3593	ChrII_A_nidulans_FGSC_A4:3665826-3666862	WT_5hasex	WT_veg	OK	49,4582	97,4805	0,978903	-1,95114	0,0510405	0,180279	no
AN3595	ChrII_A_nidulans_FGSC_A4:3662418-3663027	WT_5hasex	WT_veg	OK	95,9971	314,098	1,71015	-3,3564	0,00078963	0,00642022	yes
AN3596	ChrII_A_nidulans_FGSC_A4:3661008-3662170	WT_5hasex	WT_veg	OK	26,0401	43,3559	0,735496	-1,38161	0,167093	0,406235	no
AN3599	ChrII_A_nidulans_FGSC_A4:3652208-3653391	WT_5hasex	WT_veg	OK	37,0427	99,4073	1,42416	-2,68954	0,00715512	0,039824	yes
AN3600	ChrII_A_nidulans_FGSC_A4:3649622-3651300	WT_5hasex	WT_veg	OK	15,65	35,9952	1,20164	-2,24771	0,0245945	0,104061	no
AN3601	ChrII_A_nidulans_FGSC_A4:3646733-3647972	WT_5hasex	WT_veg	OK	4,05445	12,5877	1,63443	-2,26817	0,0233186	0,100036	no
AN3603	ChrII_A_nidulans_FGSC_A4:3640591-3642137	WT_5hasex	WT_veg	OK	16,1752	47,3224	1,54874	-2,80674	0,00500455	0,0297705	yes
AN3605	ChrII_A_nidulans_FGSC_A4:3634882-3636044	WT_5hasex	WT_veg	OK	17,8779	33,4324	0,903075	-1,57778	0,114616	0,317581	no
AN3606	ChrII_A_nidulans_FGSC_A4:3632755-3633841	WT_5hasex	WT_veg	OK	72,7332	147,999	1,0249	-1,86602	0,0620382	0,20679	no
AN3611	ChrII_A_nidulans_FGSC_A4:3612561-3613633	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3612	ChrII_A_nidulans_FGSC_A4:3604240-3612137	WT_5hasex	WT_veg	NOTEST	0,374937	0	-1.79769e+308	-1.79769e+308	0,017128	1	no
AN3614	ChrII_A_nidulans_FGSC_A4:3594286-3595376	WT_5hasex	WT_veg	NOTEST	0,208463	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3615	ChrII_A_nidulans_FGSC_A4:3590145-3593344	WT_5hasex	WT_veg	NOTEST	0,129798	0	-1.79769e+308	-1.79769e+308	0,114919	1	no
AN3616	ChrII_A_nidulans_FGSC_A4:3588472-3588834	WT_5hasex	WT_veg	OK	189,101	270,483	0,51638	-1,02812	0,303892	0,580002	no
AN3620	ChrII_A_nidulans_FGSC_A4:3570540-3571149	WT_5hasex	WT_veg	OK	14,5098	7,63955	-0,925463	1,24505	0,213114	0,472162	no
AN3625	ChrII_A_nidulans_FGSC_A4:3557028-3558326	WT_5hasex	WT_veg	OK	19,0288	22,3525	0,232255	-0,414942	0,678184	0,857417	no
AN3626	ChrII_A_nidulans_FGSC_A4:3550894-3556382	WT_5hasex	WT_veg	OK	38,9088	54,3843	0,483095	-0,978986	0,327587	0,603891	no
AN3627	ChrII_A_nidulans_FGSC_A4:3550894-3556382	WT_5hasex	WT_veg	OK	120,488	2245,78	4,22026	-6,74898	1,4889E-11	6,9108E-10	yes
AN3628	ChrII_A_nidulans_FGSC_A4:3547230-3550131	WT_5hasex	WT_veg	OK	47,3198	66,094	0,482076	-1,00215	0,316271	0,592294	no
AN3629	ChrII_A_nidulans_FGSC_A4:3543636-3544778	WT_5hasex	WT_veg	OK	54,1706	78,2417	0,530428	-1,0841	0,278318	0,551584	no
AN3630	ChrII_A_nidulans_FGSC_A4:3540854-3542135	WT_5hasex	WT_veg	OK	37,0325	94,716	1,35482	-2,69113	0,00712109	0,0396556	yes
AN3631	ChrII_A_nidulans_FGSC_A4:3539342-3540433	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3632	ChrII_A_nidulans_FGSC_A4:3536855-3538850	WT_5hasex	WT_veg	OK	37,2541	60,7157	0,704672	-1,32658	0,184647	0,433138	no

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AN3633	ChrII_A_nidulans_FGSC_A4:3535085-3535940	WT_5hasex	WT_veg	OK	2,58752	5,80308	1,16525	-1,35446	0,175589	0,419959	no
AN3634	ChrII_A_nidulans_FGSC_A4:3531101-3532557	WT_5hasex	WT_veg	OK	56,6244	43,4561	-0,381864	0,781323	0,434613	0,700196	no
AN3635	ChrII_A_nidulans_FGSC_A4:3529757-3530892	WT_5hasex	WT_veg	OK	65,3338	153,563	1,23293	-2,50962	0,0120861	0,0604905	no
AN3636	ChrII_A_nidulans_FGSC_A4:3527981-3529720	WT_5hasex	WT_veg	OK	38,0277	77,4755	1,02669	-2,11261	0,0346345	0,135675	no
AN3637	ChrII_A_nidulans_FGSC_A4:3525422-3527514	WT_5hasex	WT_veg	OK	25,1353	16,0243	-0,649455	1,2678	0,204869	0,461198	no
AN3638	ChrII_A_nidulans_FGSC_A4:3524272-3525413	WT_5hasex	WT_veg	OK	155,205	25,0087	-2,63367	5,29036	1,2208E-07	2,7826E-06	yes
AN3639	ChrII_A_nidulans_FGSC_A4:3522011-3523704	WT_5hasex	WT_veg	OK	38,1009	84,818	1,15454	-2,09014	0,0366049	0,14124	no
AN3640	ChrII_A_nidulans_FGSC_A4:3519042-3520647	WT_5hasex	WT_veg	OK	6,92539	8,50881	0,297061	-0,462656	0,643611	0,838009	no
AN3642	ChrII_A_nidulans_FGSC_A4:3512650-3514374	WT_5hasex	WT_veg	OK	47,7661	78,9427	0,724819	-1,4558	0,145447	0,371646	no
AN3643	ChrII_A_nidulans_FGSC_A4:3506665-3512051	WT_5hasex	WT_veg	OK	14,7567	12,28	-0,265068	0,545183	0,585628	0,804672	no
AN3644	ChrII_A_nidulans_FGSC_A4:3505425-3506190	WT_5hasex	WT_veg	OK	151,974	342,759	1,17337	-2,4226	0,01541	0,0729856	no
AN3645	ChrII_A_nidulans_FGSC_A4:3503902-3504951	WT_5hasex	WT_veg	OK	24,7045	24,4986	-0,0120762	0,0216984	0,982689	0,99384	no
AN3646	ChrII_A_nidulans_FGSC_A4:3502442-3503410	WT_5hasex	WT_veg	OK	71,7552	138,526	0,949004	-1,94553	0,0517117	0,18178	no
AN3649	ChrII_A_nidulans_FGSC_A4:3490885-3492495	WT_5hasex	WT_veg	OK	128,1	232,93	0,862624	-1,69412	0,0902426	0,269668	no
AN3650	ChrII_A_nidulans_FGSC_A4:3487103-3490492	WT_5hasex	WT_veg	OK	23,2406	61,9401	1,41423	-2,91048	0,0036088	0,0228137	yes
AN3651	ChrII_A_nidulans_FGSC_A4:3485724-3486954	WT_5hasex	WT_veg	OK	31,4636	96,3108	1,61401	-3,07672	0,00209292	0,0145109	yes
AN3652	ChrII_A_nidulans_FGSC_A4:3483746-3485367	WT_5hasex	WT_veg	OK	6,03642	30,2391	2,32465	-3,60327	0,00031424	0,00293314	yes
AN3655	ChrII_A_nidulans_FGSC_A4:3477133-3478037	WT_5hasex	WT_veg	OK	288,314	322,707	0,162584	-0,31258	0,7546	0,898113	no
AN3656	ChrII_A_nidulans_FGSC_A4:3476011-3477084	WT_5hasex	WT_veg	OK	40,2656	75,0225	0,897776	-1,72289	0,0849077	0,258517	no
AN3657	ChrII_A_nidulans_FGSC_A4:3472573-3475766	WT_5hasex	WT_veg	OK	16,5543	34,6632	1,0662	-2,13984	0,0323675	0,12869	no
AN3658	ChrII_A_nidulans_FGSC_A4:3470832-3472397	WT_5hasex	WT_veg	OK	2,76528	3,62722	0,391437	-0,514283	0,607054	0,817465	no
AN3659	ChrII_A_nidulans_FGSC_A4:3467246-3469759	WT_5hasex	WT_veg	OK	37	31,9679	-0,210898	0,421273	0,673556	0,854513	no
AN3661	ChrII_A_nidulans_FGSC_A4:3459952-3461482	WT_5hasex	WT_veg	OK	9,29262	13,3981	0,527868	-0,839483	0,401198	0,673016	no
AN3663	ChrII_A_nidulans_FGSC_A4:3452415-3453451	WT_5hasex	WT_veg	OK	28,2629	94,3792	1,73956	-3,24855	0,00115994	0,00887604	yes
AN3664	ChrII_A_nidulans_FGSC_A4:3450092-3452384	WT_5hasex	WT_veg	OK	212,141	483,696	1,18908	-2,28416	0,0223623	0,0968773	no
AN3665	ChrII_A_nidulans_FGSC_A4:3445490-3448854	WT_5hasex	WT_veg	OK	18,3465	28,8268	0,651905	-1,33444	0,18206	0,429222	no
AN3666	ChrII_A_nidulans_FGSC_A4:3443817-3444650	WT_5hasex	WT_veg	OK	13,3582	46,5305	1,80045	-2,82321	0,00475448	0,0285814	yes
AN3667	ChrII_A_nidulans_FGSC_A4:3441382-3442943	WT_5hasex	WT_veg	OK	1,99573	5,08361	1,34894	-1,7195	0,0855229	0,259837	no
AN3668	ChrII_A_nidulans_FGSC_A4:3426618-3429361	WT_5hasex	WT_veg	OK	13,3867	23,657	0,82147	-1,59257	0,111256	0,311525	no
AN3669	ChrII_A_nidulans_FGSC_A4:3424128-3425670	WT_5hasex	WT_veg	OK	33,6568	89,613	1,41281	-2,81152	0,00493085	0,0294192	yes
AN3670	ChrII_A_nidulans_FGSC_A4:3422179-3423316	WT_5hasex	WT_veg	OK	55,5764	53,8758	-0,0448351	0,0893165	0,92883	0,973087	no
AN3671	ChrII_A_nidulans_FGSC_A4:3420307-3421042	WT_5hasex	WT_veg	OK	53,8871	56,1728	0,0599294	-0,115736	0,907861	0,964711	no
AN3672	ChrII_A_nidulans_FGSC_A4:3416906-3418081	WT_5hasex	WT_veg	OK	20,8711	35,0995	0,749943	-1,34343	0,179133	0,424858	no
AN3673	ChrII_A_nidulans_FGSC_A4:3415822-3416388	WT_5hasex	WT_veg	OK	67,6628	123,21	0,864688	-1,55769	0,119307	0,326436	no
AN3674	ChrII_A_nidulans_FGSC_A4:3408633-3411611	WT_5hasex	WT_veg	OK	188,221	318,702	0,759782	-1,40051	0,16136	0,397119	no
AN3677	ChrII_A_nidulans_FGSC_A4:3401918-3403753	WT_5hasex	WT_veg	OK	8,80947	25,3753	1,5263	-2,62173	0,00874857	0,0468711	yes
AN3678	ChrII_A_nidulans_FGSC_A4:3399065-3401528	WT_5hasex	WT_veg	OK	31,8963	44,3296	0,474883	-0,979995	0,327089	0,603376	no
AN3679	ChrII_A_nidulans_FGSC_A4:3396757-3397803	WT_5hasex	WT_veg	OK	109,386	362,083	1,72689	-3,21782	0,0012917	0,00969878	yes
AN3680	ChrII_A_nidulans_FGSC_A4:3395887-3396418	WT_5hasex	WT_veg	OK	787,048	4641,4	2,56004	-4,46876	7,8675E-06	0,00011633	yes
AN3681	ChrII_A_nidulans_FGSC_A4:3392941-3393899	WT_5hasex	WT_veg	OK	77,3294	432,941	2,48508	-5,09858	3,4222E-07	7,0575E-06	yes
AN3683	ChrII_A_nidulans_FGSC_A4:3386589-3389241	WT_5hasex	WT_veg	OK	21,2661	19,6603	-0,113266	0,227991	0,819653	0,927698	no
AN3684	ChrII_A_nidulans_FGSC_A4:3382761-3384753	WT_5hasex	WT_veg	OK	14,4731	29,4589	1,02533	-1,86535	0,0621317	0,207049	no
AN3686	ChrII_A_nidulans_FGSC_A4:3374684-3375191	WT_5hasex	WT_veg	OK	86,572	175,687	1,02104	-1,93298	0,0532387	0,185481	no
AN3687	ChrII_A_nidulans_FGSC_A4:3373590-3374608	WT_5hasex	WT_veg	OK	167,286	419,395	1,32599	-2,77475	0,00552445	0,0322401	yes
AN3689	ChrII_A_nidulans_FGSC_A4:3363175-3365499	WT_5hasex	WT_veg	OK	68,7701	176,541	1,36015	-2,83324	0,00460782	0,0278563	yes
AN3690	ChrII_A_nidulans_FGSC_A4:3360419-3361865	WT_5hasex	WT_veg	OK	24,7412	25,2626	0,0300916	-0,0530506	0,957692	0,984294	no
AN3691	ChrII_A_nidulans_FGSC_A4:3356894-3359429	WT_5hasex	WT_veg	OK	23,2064	84,6951	1,86775	-3,82325	0,00013171	0,00139653	yes
AN3692	ChrII_A_nidulans_FGSC_A4:3354942-3356223	WT_5hasex	WT_veg	OK	32,5809	60,0311	0,881683	-1,73085	0,0834786	0,255412	no
AN3693	ChrII_A_nidulans_FGSC_A4:3351520-3353606	WT_5hasex	WT_veg	OK	14,2797	31,6361	1,1476	-2,15794	0,0309322	0,124312	no
AN3694	ChrII_A_nidulans_FGSC_A4:3349787-3350909	WT_5hasex	WT_veg	OK	3,58992	6,19299	0,786687	-1,0282	0,303857	0,579979	no
AN3695	ChrII_A_nidulans_FGSC_A4:3347285-3349177	WT_5hasex	WT_veg	OK	65,155	159,882	1,29506	-2,70702	0,00678904	0,0382249	yes
AN3696	ChrII_A_nidulans_FGSC_A4:3344142-3346977	WT_5hasex	WT_veg	OK	161,492	376,567	1,22144	-2,35414	0,0185656	0,0840858	no
AN3697	ChrII_A_nidulans_FGSC_A4:3342187-3343794	WT_5hasex	WT_veg	OK	2,97684	0,714773	-2,05822	1,33938	0,180448	0,426952	no

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AN3698	ChrII_A_nidulans_FGSC_A4:3339974-3341603	WT_5hasex	WT_veg	NOTEST	0,579905	0,993333	0,776461	-0,669537	0,503153	1	no
AN3699	ChrII_A_nidulans_FGSC_A4:3337089-3339691	WT_5hasex	WT_veg	NOTEST	1,1907	2,69915	1,1807	-1,26832	0,204685	1	no
AN3700	ChrII_A_nidulans_FGSC_A4:3335790-3336954	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3701	ChrII_A_nidulans_FGSC_A4:3334694-3335569	WT_5hasex	WT_veg	NOTEST	1,2346	2,24218	0,860859	-0,748043	0,454434	1	no
AN3702	ChrII_A_nidulans_FGSC_A4:3329560-3333138	WT_5hasex	WT_veg	OK	48,275	74,2895	0,621881	-1,28844	0,197594	0,451228	no
AN3703	ChrII_A_nidulans_FGSC_A4:3327356-3327970	WT_5hasex	WT_veg	OK	680,41	4779,46	2,81237	-5,25762	1,4594E-07	3,2779E-06	yes
AN3704	ChrII_A_nidulans_FGSC_A4:3325780-3327345	WT_5hasex	WT_veg	OK	19,2737	50,0419	1,3765	-2,37438	0,0175785	0,0807174	no
AN3706	ChrII_A_nidulans_FGSC_A4:3320786-3321720	WT_5hasex	WT_veg	OK	1916,66	2136,5	0,156652	-0,25554	0,798306	0,918689	no
AN3707	ChrII_A_nidulans_FGSC_A4:3319099-3320731	WT_5hasex	WT_veg	OK	165,98	181,599	0,129752	-0,203464	0,838772	0,93603	no
AN3708	ChrII_A_nidulans_FGSC_A4:3317522-3318680	WT_5hasex	WT_veg	OK	409,752	619,894	0,59727	-1,19396	0,232493	0,496986	no
AN3709	ChrII_A_nidulans_FGSC_A4:3315469-3317474	WT_5hasex	WT_veg	OK	49,0094	54,0827	0,142108	-0,293717	0,768974	0,905213	no
AN3710	ChrII_A_nidulans_FGSC_A4:3313694-3314820	WT_5hasex	WT_veg	OK	24,4666	25,803	0,0767247	-0,138982	0,889464	0,958134	no
AN3711	ChrII_A_nidulans_FGSC_A4:3311109-3313039	WT_5hasex	WT_veg	OK	36,5967	58,6099	0,67943	-1,37962	0,167704	0,407193	no
AN3712	ChrII_A_nidulans_FGSC_A4:3306173-3307252	WT_5hasex	WT_veg	OK	252,37	506,739	1,0057	-2,04477	0,0408774	0,153136	no
AN3713	ChrII_A_nidulans_FGSC_A4:3303958-3304527	WT_5hasex	WT_veg	OK	7,51092	12,2778	0,708988	-0,820503	0,411929	0,681709	no
AN3714	ChrII_A_nidulans_FGSC_A4:3300656-3302862	WT_5hasex	WT_veg	OK	54,2613	100,307	0,886422	-1,70238	0,0886847	0,26641	no
AN3716	ChrII_A_nidulans_FGSC_A4:3294279-3295649	WT_5hasex	WT_veg	OK	135,049	208,237	0,624738	-1,29079	0,196778	0,45003	no
AN3717	ChrII_A_nidulans_FGSC_A4:3293117-3293949	WT_5hasex	WT_veg	OK	7,24704	13,3916	0,885863	-1,2343	0,21709	0,477319	no
AN3720	ChrII_A_nidulans_FGSC_A4:3282576-3285634	WT_5hasex	WT_veg	OK	52,5477	80,5397	0,616074	-1,23896	0,215361	0,475153	no
AN3721	ChrII_A_nidulans_FGSC_A4:3279150-3281517	WT_5hasex	WT_veg	OK	25,7011	23,1782	-0,149063	0,302845	0,762008	0,901819	no
AN3722	ChrII_A_nidulans_FGSC_A4:3277093-3278731	WT_5hasex	WT_veg	OK	4,1329	5,32598	0,365893	-0,491959	0,622748	0,825698	no
AN3724	ChrII_A_nidulans_FGSC_A4:3271196-3272054	WT_5hasex	WT_veg	OK	9,71118	20,3658	1,06843	-1,61277	0,106794	0,303334	no
AN3731	ChrII_A_nidulans_FGSC_A4:3246030-3248262	WT_5hasex	WT_veg	OK	18,7157	30,3181	0,695927	-1,34881	0,177397	0,422428	no
AN3732	ChrII_A_nidulans_FGSC_A4:3243080-3245799	WT_5hasex	WT_veg	OK	37,9223	62,7877	0,727438	-1,52057	0,128368	0,342414	no
AN3734	ChrII_A_nidulans_FGSC_A4:3236148-3239072	WT_5hasex	WT_veg	OK	46,6065	37,7223	-0,305113	0,631574	0,527665	0,768057	no
AN3735	ChrII_A_nidulans_FGSC_A4:3229742-3233606	WT_5hasex	WT_veg	OK	15,3451	17,2921	0,172333	-0,349011	0,727081	0,884085	no
AN3736	ChrII_A_nidulans_FGSC_A4:3227197-3228775	WT_5hasex	WT_veg	OK	5,33869	26,8617	2,33099	-3,6542	0,00025799	0,00248377	yes
AN3737	ChrII_A_nidulans_FGSC_A4:3225312-3227013	WT_5hasex	WT_veg	OK	13,6066	32,7856	1,26875	-2,27853	0,0226949	0,0979619	no
AN3738	ChrII_A_nidulans_FGSC_A4:3224139-3225038	WT_5hasex	WT_veg	OK	96,8266	123,832	0,354905	-0,711479	0,476788	0,732708	no
AN3739	ChrII_A_nidulans_FGSC_A4:3219596-3222043	WT_5hasex	WT_veg	OK	180,614	331,817	0,877473	-1,74993	0,0801307	0,248009	no
AN3740	ChrII_A_nidulans_FGSC_A4:3218387-3219596	WT_5hasex	WT_veg	OK	11,3459	10,1875	-0,155373	0,246874	0,805006	0,921664	no
AN3742	ChrII_A_nidulans_FGSC_A4:3214186-3215705	WT_5hasex	WT_veg	OK	2,46057	6,75805	1,45762	-1,83616	0,0663343	0,216955	no
AN3743	ChrII_A_nidulans_FGSC_A4:3209527-3213359	WT_5hasex	WT_veg	OK	9,47624	19,952	1,07414	-2,05699	0,0396874	0,150007	no
AN3744	ChrII_A_nidulans_FGSC_A4:3207178-3208943	WT_5hasex	WT_veg	OK	78,4361	156,065	0,992556	-2,02191	0,0431861	0,159571	no
AN3745	ChrII_A_nidulans_FGSC_A4:3206210-3206927	WT_5hasex	WT_veg	OK	47,7083	237,929	2,31822	-4,26093	2,0358E-05	0,0002707	yes
AN3746	ChrII_A_nidulans_FGSC_A4:3203243-3205308	WT_5hasex	WT_veg	OK	25,7769	40,3907	0,647945	-1,31556	0,188323	0,438192	no
AN3747	ChrII_A_nidulans_FGSC_A4:3198599-3200194	WT_5hasex	WT_veg	OK	132,167	360,509	1,44767	-2,94909	0,00318711	0,0205577	yes
AN3748	ChrII_A_nidulans_FGSC_A4:3192361-3193708	WT_5hasex	WT_veg	OK	91,6307	145,65	0,668599	-1,38939	0,164715	0,402521	no
AN3749	ChrII_A_nidulans_FGSC_A4:3187415-3190823	WT_5hasex	WT_veg	OK	11,3807	7,57253	-0,587746	1,14072	0,253987	0,523283	no
AN3750	ChrII_A_nidulans_FGSC_A4:3184956-3186731	WT_5hasex	WT_veg	NOTEST	0,74394	1,27891	0,781652	-0,779644	0,4356	1	no
AN3751	ChrII_A_nidulans_FGSC_A4:3179477-3182344	WT_5hasex	WT_veg	OK	13,0757	63,238	2,2739	-4,51517	6,3267E-06	9,5598E-05	yes
AN3752	ChrII_A_nidulans_FGSC_A4:3175977-3178845	WT_5hasex	WT_veg	OK	99,146	200,625	1,01688	-2,0317	0,0421838	0,15683	no
AN3753	ChrII_A_nidulans_FGSC_A4:3171282-3175196	WT_5hasex	WT_veg	OK	10,5133	9,24611	-0,185303	0,358748	0,719783	0,879989	no
AN3755	ChrII_A_nidulans_FGSC_A4:3156050-3157689	WT_5hasex	WT_veg	OK	43,9559	66,0688	0,587913	-1,21882	0,222911	0,484789	no
AN3756	ChrII_A_nidulans_FGSC_A4:3153422-3154525	WT_5hasex	WT_veg	OK	281,25	349,447	0,313221	-0,635926	0,524825	0,766389	no
AN3757	ChrII_A_nidulans_FGSC_A4:3151910-3152972	WT_5hasex	WT_veg	OK	35,6069	46,6527	0,389803	-0,731185	0,464666	0,723802	no
AN3758	ChrII_A_nidulans_FGSC_A4:3150262-3151360	WT_5hasex	WT_veg	OK	29,3051	37,8344	0,368547	-0,689551	0,490477	0,742896	no
AN3759	ChrII_A_nidulans_FGSC_A4:3148886-3149649	WT_5hasex	WT_veg	OK	57,9478	35,6033	-0,702741	1,35737	0,174665	0,418509	no
AN3760	ChrII_A_nidulans_FGSC_A4:3145392-3147661	WT_5hasex	WT_veg	OK	26,7764	63,2448	1,23998	-2,42458	0,0153263	0,0726812	no
AN3761	ChrII_A_nidulans_FGSC_A4:3141347-3144917	WT_5hasex	WT_veg	OK	21,0363	78,5795	1,90127	-3,74215	0,00018245	0,00184274	yes
AN3762	ChrII_A_nidulans_FGSC_A4:3138702-3139238	WT_5hasex	WT_veg	OK	5,55305	8,95146	0,688843	-0,691319	0,489365	0,742285	no
AN3763	ChrII_A_nidulans_FGSC_A4:3135578-3137486	WT_5hasex	WT_veg	OK	38,6168	23,0037	-0,747362	1,44206	0,149285	0,377805	no
AN3764	ChrII_A_nidulans_FGSC_A4:3131985-3134492	WT_5hasex	WT_veg	OK	2,76289	2,06434	-0,420501	0,559309	0,575951	0,798629	no

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AN3768	ChrII_A_nidulans_FGSC_A4:3108684-3110983	WT_5hasex	WT_veg	OK	26,6789	67,7817	1,3452	-2,69496	0,0070398	0,0392965	yes
AN3769	ChrII_A_nidulans_FGSC_A4:3104580-3106371	WT_5hasex	WT_veg	OK	2,19201	0,114508	-4,25873	1,42259	0,154854	0,386979	no
AN3770	ChrII_A_nidulans_FGSC_A4:3102710-3104011	WT_5hasex	WT_veg	OK	12,9385	19,1311	0,564252	-0,954778	0,33969	0,615537	no
AN3771	ChrII_A_nidulans_FGSC_A4:3101497-3102549	WT_5hasex	WT_veg	OK	53,3184	119,665	1,16629	-2,34065	0,0192501	0,0864093	no
AN3773	ChrII_A_nidulans_FGSC_A4:3096851-3099236	WT_5hasex	WT_veg	OK	30,2138	82,6941	1,45258	-2,87937	0,00398472	0,0247143	yes
AN3774	ChrII_A_nidulans_FGSC_A4:3092041-3092820	WT_5hasex	WT_veg	NOTEST	0	1,19353	1.79769e+308	1.79769e+308	0,123323	1	no
AN3775	ChrII_A_nidulans_FGSC_A4:3089831-3090827	WT_5hasex	WT_veg	NOTEST	0,240425	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3776	ChrII_A_nidulans_FGSC_A4:3087781-3089461	WT_5hasex	WT_veg	NOTEST	1,30454	3,0255	1,21364	-1,3714	0,17025	1	no
AN3779	ChrII_A_nidulans_FGSC_A4:3079860-3081228	WT_5hasex	WT_veg	OK	30,5835	38,4752	0,331175	-0,648577	0,516612	0,760745	no
AN3780	ChrII_A_nidulans_FGSC_A4:3075839-3078386	WT_5hasex	WT_veg	NOTEST	0,360489	0	-1.79769e+308	-1.79769e+308	0,0504329	1	no
AN3781	ChrII_A_nidulans_FGSC_A4:3073518-3075721	WT_5hasex	WT_veg	OK	27,8191	69,6894	1,32486	-2,51521	0,0118961	0,0597737	no
AN3782	ChrII_A_nidulans_FGSC_A4:3070621-3072316	WT_5hasex	WT_veg	OK	8,78635	10,1305	0,205367	-0,329844	0,741518	0,891371	no
AN3783	ChrII_A_nidulans_FGSC_A4:3069494-3069982	WT_5hasex	WT_veg	OK	1,2113	4,27434	1,81915	-1,43567	0,151096	0,380789	no
AN3784	ChrII_A_nidulans_FGSC_A4:3066307-3067515	WT_5hasex	WT_veg	OK	13,1945	32,0208	1,27908	-2,14702	0,0317917	0,126791	no
AN3785	ChrII_A_nidulans_FGSC_A4:3063587-3065926	WT_5hasex	WT_veg	OK	20,3883	20,6832	0,020719	-0,0409605	0,967327	0,98803	no
AN3787	ChrII_A_nidulans_FGSC_A4:3057981-3059562	WT_5hasex	WT_veg	OK	41,4294	79,7514	0,944855	-1,93449	0,0530527	0,185017	no
AN3788	ChrII_A_nidulans_FGSC_A4:3055362-3055964	WT_5hasex	WT_veg	OK	6,37971	17,7042	1,47253	-1,93719	0,052722	0,184124	no
AN3789	ChrII_A_nidulans_FGSC_A4:3053412-3054618	WT_5hasex	WT_veg	OK	62,5917	76,8154	0,295424	-0,576621	0,564195	0,79146	no
AN3791	ChrII_A_nidulans_FGSC_A4:3048299-3049302	WT_5hasex	WT_veg	OK	35,4914	85,9717	1,27639	-2,19592	0,0280977	0,115272	no
AN3792	ChrII_A_nidulans_FGSC_A4:3044646-3045882	WT_5hasex	WT_veg	OK	7,34453	14,5559	0,986865	-1,17779	0,238878	0,504589	no
AN3793	ChrII_A_nidulans_FGSC_A4:3040893-3043842	WT_5hasex	WT_veg	OK	49,0956	113,422	1,20803	-2,47181	0,0134431	0,0657194	no
AN3794	ChrII_A_nidulans_FGSC_A4:3037215-3040143	WT_5hasex	WT_veg	OK	10,5503	56,3491	2,41711	-4,63574	3,5566E-06	5,7152E-05	yes
AN3795	ChrII_A_nidulans_FGSC_A4:3026427-3027771	WT_5hasex	WT_veg	OK	105,477	111,94	0,085796	-0,168877	0,865893	0,948504	no
AN3796	ChrII_A_nidulans_FGSC_A4:3023689-3024759	WT_5hasex	WT_veg	OK	280,529	82,2669	-1,76977	3,57474	0,00035058	0,00321255	yes
AN3797	ChrII_A_nidulans_FGSC_A4:3018438-3021733	WT_5hasex	WT_veg	OK	10,8362	12,1156	0,161011	-0,314046	0,753486	0,897592	no
AN3798	ChrII_A_nidulans_FGSC_A4:3016974-3018093	WT_5hasex	WT_veg	OK	24,1053	30,3037	0,330141	-0,611928	0,540586	0,776061	no
AN3799	ChrII_A_nidulans_FGSC_A4:3015316-3016501	WT_5hasex	WT_veg	OK	44,2785	38,9948	-0,183325	0,352962	0,724117	0,882589	no
AN3802	ChrII_A_nidulans_FGSC_A4:3009101-3009853	WT_5hasex	WT_veg	OK	71,56	100,542	0,490577	-0,982786	0,325713	0,60233	no
AN3803	ChrII_A_nidulans_FGSC_A4:2999178-3000968	WT_5hasex	WT_veg	OK	104,878	99,768	-0,0720608	0,145826	0,884059	0,955953	no
AN3804	ChrII_A_nidulans_FGSC_A4:2996898-2998229	WT_5hasex	WT_veg	OK	927,403	1533,81	0,72585	-1,16397	0,244437	0,511929	no
AN3805	ChrII_A_nidulans_FGSC_A4:2993728-2994707	WT_5hasex	WT_veg	OK	31,0909	36,2292	0,220662	-0,400628	0,688694	0,863062	no
AN3807	ChrII_A_nidulans_FGSC_A4:2989380-2991397	WT_5hasex	WT_veg	OK	72,3118	244,042	1,75483	-3,58834	0,00033279	0,00307398	yes
AN3808	ChrII_A_nidulans_FGSC_A4:2987827-2988799	WT_5hasex	WT_veg	OK	10,8957	15,7398	0,530655	-0,795152	0,426525	0,693628	no
AN3809	ChrII_A_nidulans_FGSC_A4:2986544-2987506	WT_5hasex	WT_veg	OK	43,0645	85,1052	0,982749	-1,86012	0,0628686	0,208771	no
AN3810	ChrII_A_nidulans_FGSC_A4:2985109-2986044	WT_5hasex	WT_veg	OK	112,879	127,868	0,179875	-0,371084	0,710575	0,875471	no
AN3811	ChrII_A_nidulans_FGSC_A4:2981782-2985050	WT_5hasex	WT_veg	OK	11,8279	18,0804	0,61223	-1,19891	0,230562	0,494431	no
AN3812	ChrII_A_nidulans_FGSC_A4:2980523-2981596	WT_5hasex	WT_veg	OK	32,3283	92,5881	1,51803	-2,91173	0,00359437	0,0227426	yes
AN3813	ChrII_A_nidulans_FGSC_A4:2978647-2979788	WT_5hasex	WT_veg	OK	49,875	34,6083	-0,527199	0,957708	0,33821	0,614183	no
AN3816	ChrII_A_nidulans_FGSC_A4:2972001-2972196	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3817	ChrII_A_nidulans_FGSC_A4:2967987-2971938	WT_5hasex	WT_veg	OK	38,1864	45,6306	0,256941	-0,505634	0,613114	0,820814	no
AN3818	ChrII_A_nidulans_FGSC_A4:2963136-2964183	WT_5hasex	WT_veg	OK	10,4779	18,3387	0,807543	-1,1505	0,249937	0,518331	no
AN3819	ChrII_A_nidulans_FGSC_A4:2960161-2961436	WT_5hasex	WT_veg	OK	24,0566	36,4691	0,600243	-1,12642	0,259989	0,530425	no
AN3820	ChrII_A_nidulans_FGSC_A4:2958564-2959753	WT_5hasex	WT_veg	OK	11,6685	41,4389	1,82836	-2,82109	0,00478611	0,0287353	yes
AN3821	ChrII_A_nidulans_FGSC_A4:2955750-2957995	WT_5hasex	WT_veg	OK	71,9175	116,54	0,696411	-1,44745	0,14777	0,375375	no
AN3822	ChrII_A_nidulans_FGSC_A4:2943065-2944418	WT_5hasex	WT_veg	OK	14,5615	26,1053	0,842184	-1,43107	0,15241	0,383159	no
AN3823	ChrII_A_nidulans_FGSC_A4:2942066-2942913	WT_5hasex	WT_veg	OK	1631,96	2930,67	0,844625	-1,43671	0,150799	0,380267	no
AN3824	ChrII_A_nidulans_FGSC_A4:2939941-2941629	WT_5hasex	WT_veg	OK	73,0799	118,229	0,69404	-1,43992	0,14989	0,378719	no
AN3825	ChrII_A_nidulans_FGSC_A4:2936377-2936983	WT_5hasex	WT_veg	OK	5,59768	20,7812	1,89238	-2,55881	0,0105032	0,0541508	no
AN3826	ChrII_A_nidulans_FGSC_A4:2934838-2936335	WT_5hasex	WT_veg	OK	27,1391	39,3587	0,536312	-1,01936	0,308031	0,584093	no
AN3827	ChrII_A_nidulans_FGSC_A4:2932289-2934601	WT_5hasex	WT_veg	OK	29,5009	181,506	2,62118	-5,0171	5,2457E-07	1,0295E-05	yes
AN3828	ChrII_A_nidulans_FGSC_A4:2929411-2931262	WT_5hasex	WT_veg	OK	5,0195	13,8496	1,46423	-2,31214	0,02077	0,0917696	no
AN3829	ChrII_A_nidulans_FGSC_A4:2927061-2929034	WT_5hasex	WT_veg	OK	115,243	509,436	2,14422	-4,27568	1,9056E-05	0,00025545	yes
AN3831	ChrII_A_nidulans_FGSC_A4:2921815-2922481	WT_5hasex	WT_veg	OK	172,23	257,598	0,580786	-1,14509	0,252171	0,521006	no

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AN3832	ChrII_A_nidulans_FGSC_A4:2917946-2920530	WT_5hasex	WT_veg	OK	60,6093	78,0389	0,364655	-0,726512	0,467525	0,72614	no
AN3833	ChrII_A_nidulans_FGSC_A4:2916077-2917738	WT_5hasex	WT_veg	OK	24,5092	35,5853	0,537956	-0,98169	0,326252	0,602639	no
AN3834	ChrII_A_nidulans_FGSC_A4:2913019-2915653	WT_5hasex	WT_veg	OK	14,6467	18,1137	0,306507	-0,601322	0,547626	0,780807	no
AN3835	ChrII_A_nidulans_FGSC_A4:2908101-2910138	WT_5hasex	WT_veg	OK	3,3404	5,61559	0,749415	-1,07366	0,282974	0,556746	no
AN3836	ChrII_A_nidulans_FGSC_A4:2906283-2907927	WT_5hasex	WT_veg	OK	5,74807	10,5196	0,871925	-1,31677	0,187916	0,437724	no
AN3837	ChrII_A_nidulans_FGSC_A4:2903840-2905896	WT_5hasex	WT_veg	OK	5,59313	13,7828	1,30114	-2,03522	0,0418283	0,155829	no
AN3838	ChrII_A_nidulans_FGSC_A4:2901459-2903426	WT_5hasex	WT_veg	OK	18,1801	24,5033	0,43062	-0,825732	0,408956	0,678899	no
AN3840	ChrII_A_nidulans_FGSC_A4:2896886-2898625	WT_5hasex	WT_veg	OK	22,5232	35,486	0,655837	-1,27536	0,202181	0,457723	no
AN3841	ChrII_A_nidulans_FGSC_A4:2894179-2896645	WT_5hasex	WT_veg	OK	67,3188	111,613	0,729427	-1,51231	0,130455	0,346091	no
AN3843	ChrII_A_nidulans_FGSC_A4:2889612-2891790	WT_5hasex	WT_veg	OK	151,433	458,902	1,59951	-3,1548	0,00160609	0,0116358	yes
AN3844	ChrII_A_nidulans_FGSC_A4:2885016-2889176	WT_5hasex	WT_veg	OK	20,5265	22,2349	0,11534	-0,236716	0,812877	0,924931	no
AN3845	ChrII_A_nidulans_FGSC_A4:2882697-2883301	WT_5hasex	WT_veg	OK	21,1036	95,4719	2,17758	-3,42484	0,00061517	0,00519772	yes
AN3846	ChrII_A_nidulans_FGSC_A4:2881061-2882501	WT_5hasex	WT_veg	OK	213,969	965,791	2,17431	-4,26901	1,9634E-05	0,00026207	yes
AN3848	ChrII_A_nidulans_FGSC_A4:2877598-2878047	WT_5hasex	WT_veg	OK	251,932	2189,44	3,11945	-6,34498	2,2245E-10	8,7515E-09	yes
AN3849	ChrII_A_nidulans_FGSC_A4:2876736-2877573	WT_5hasex	WT_veg	OK	11,8007	37,3706	1,66304	-2,5098	0,0120799	0,0604684	no
AN3850	ChrII_A_nidulans_FGSC_A4:2874836-2876045	WT_5hasex	WT_veg	OK	6,6886	4,75595	-0,491972	0,659271	0,509722	0,756023	no
AN3851	ChrII_A_nidulans_FGSC_A4:2873110-2874247	WT_5hasex	WT_veg	OK	13,8434	37,3876	1,43336	-2,43522	0,0148826	0,0711113	no
AN3852	ChrII_A_nidulans_FGSC_A4:2871339-2872780	WT_5hasex	WT_veg	OK	21,5745	35,1541	0,704365	-1,31856	0,187315	0,436796	no
AN3853	ChrII_A_nidulans_FGSC_A4:2867398-2870616	WT_5hasex	WT_veg	OK	79,7367	83,8854	0,0731766	-0,133407	0,893871	0,959453	no
AN3854	ChrII_A_nidulans_FGSC_A4:2864955-2866606	WT_5hasex	WT_veg	OK	39,0418	91,2844	1,22535	-2,50083	0,0123902	0,0617002	no
AN3855	ChrII_A_nidulans_FGSC_A4:2863566-2864607	WT_5hasex	WT_veg	OK	8,32633	13,8405	0,733139	-1,08508	0,277887	0,55123	no
AN3856	ChrII_A_nidulans_FGSC_A4:2862048-2862946	WT_5hasex	WT_veg	NOTEST	0,930211	2,25314	1,27631	-1,05653	0,290725	1	no
AN3858	ChrII_A_nidulans_FGSC_A4:2857059-2857649	WT_5hasex	WT_veg	OK	6,3227	3,33743	-0,921803	0,941443	0,346478	0,621892	no
AN3860	ChrII_A_nidulans_FGSC_A4:2854449-2855245	WT_5hasex	WT_veg	OK	2,73275	9,8917	1,85586	-2,30645	0,0210853	0,092842	no
AN3862	ChrII_A_nidulans_FGSC_A4:2846617-2848265	WT_5hasex	WT_veg	NOTEST	0,49637	0,402584	-0,302128	0,190586	0,84885	1	no
AN3863	ChrII_A_nidulans_FGSC_A4:2842720-2845340	WT_5hasex	WT_veg	OK	3,27674	7,09609	1,11476	-1,6549	0,0979456	0,285046	no
AN3864	ChrII_A_nidulans_FGSC_A4:2839728-2840370	WT_5hasex	WT_veg	OK	9,88673	19,5475	0,983423	-1,4003	0,161422	0,397166	no
AN3865	ChrII_A_nidulans_FGSC_A4:2837503-2839595	WT_5hasex	WT_veg	OK	34,4435	38,8536	0,173816	-0,351441	0,725258	0,883207	no
AN3866	ChrII_A_nidulans_FGSC_A4:2835488-2836823	WT_5hasex	WT_veg	OK	13,6284	34,9175	1,35734	-2,36549	0,018006	0,0821838	no
AN3867	ChrII_A_nidulans_FGSC_A4:2834226-2835358	WT_5hasex	WT_veg	OK	21,5883	33,8015	0,646842	-1,14623	0,251699	0,52039	no
AN3868	ChrII_A_nidulans_FGSC_A4:2831322-2833593	WT_5hasex	WT_veg	OK	7,51956	10,0853	0,423534	-0,665346	0,505829	0,753748	no
AN3869	ChrII_A_nidulans_FGSC_A4:2829288-2830833	WT_5hasex	WT_veg	OK	23,9961	41,2058	0,780046	-1,52773	0,126579	0,339094	no
AN3870	ChrII_A_nidulans_FGSC_A4:2825803-2827169	WT_5hasex	WT_veg	OK	0,995685	4,35839	2,13003	-2,12588	0,0335129	0,132206	no
AN3871	ChrII_A_nidulans_FGSC_A4:2821610-2823368	WT_5hasex	WT_veg	OK	6,07141	5,04656	-0,266732	0,377923	0,705488	0,872549	no
AN3872	ChrII_A_nidulans_FGSC_A4:2820683-2821543	WT_5hasex	WT_veg	OK	203,958	1014,7	2,31471	-4,2842	1,834E-05	0,00024801	yes
AN3873	ChrII_A_nidulans_FGSC_A4:2818790-2820303	WT_5hasex	WT_veg	OK	52,3583	123,96	1,24339	-2,16345	0,0305069	0,122914	no
AN3875	ChrII_A_nidulans_FGSC_A4:2813886-2815323	WT_5hasex	WT_veg	OK	34,4453	71,8906	1,06149	-2,13088	0,0330993	0,130874	no
AN3876	ChrII_A_nidulans_FGSC_A4:2811202-2812914	WT_5hasex	WT_veg	OK	11,2021	50,1375	2,16212	-3,56336	0,00036614	0,00333102	yes
AN3877	ChrII_A_nidulans_FGSC_A4:2807436-2808353	WT_5hasex	WT_veg	OK	1,94164	3,62509	0,900739	-0,868197	0,385287	0,659189	no
AN3879	ChrII_A_nidulans_FGSC_A4:2797061-2798710	WT_5hasex	WT_veg	OK	9,52541	12,1194	0,347461	-0,571153	0,567896	0,793931	no
AN3880	ChrII_A_nidulans_FGSC_A4:2795381-2796876	WT_5hasex	WT_veg	NOTEST	0,221647	1,18442	2,41784	-1,56293	0,118069	1	no
AN3881	ChrII_A_nidulans_FGSC_A4:2790376-2793889	WT_5hasex	WT_veg	OK	2,17376	3,073	0,499456	-0,700856	0,483393	0,737753	no
AN3882	ChrII_A_nidulans_FGSC_A4:2788419-2790348	WT_5hasex	WT_veg	OK	7,08528	7,28618	0,0403374	-0,0666445	0,946865	0,980192	no
AN3883	ChrII_A_nidulans_FGSC_A4:2782849-2784305	WT_5hasex	WT_veg	OK	0,921321	4,51084	2,29162	-2,49701	0,0125245	0,0622269	no
AN3884	ChrII_A_nidulans_FGSC_A4:2780256-2782190	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3885	ChrII_A_nidulans_FGSC_A4:2777309-2778587	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3886	ChrII_A_nidulans_FGSC_A4:2775783-2777057	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3887	ChrII_A_nidulans_FGSC_A4:2772680-2774653	WT_5hasex	WT_veg	NOTEST	0,223304	0,343495	0,621284	-0,344941	0,730139	1	no
AN3888	ChrII_A_nidulans_FGSC_A4:2770409-2772371	WT_5hasex	WT_veg	OK	6,50941	6,33372	-0,0394736	0,0604587	0,95179	0,982136	no
AN3889	ChrII_A_nidulans_FGSC_A4:2769149-2770016	WT_5hasex	WT_veg	OK	12,9641	40,2538	1,6346	-2,5606	0,0104493	0,0539417	no
AN3890	ChrII_A_nidulans_FGSC_A4:2765520-2768551	WT_5hasex	WT_veg	OK	13,4081	23,7511	0,824884	-1,63288	0,102495	0,294741	no
AN3891	ChrII_A_nidulans_FGSC_A4:2762274-2763832	WT_5hasex	WT_veg	NOTEST	0,289204	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3892	ChrII_A_nidulans_FGSC_A4:2758180-2759490	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN3893	ChrII_A_nidulans_FGSC_A4:2752645-2754620	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN3894	ChrII_A_nidulans_FGSC_A4:2749795-2752220	WT_5hasex	WT_veg	OK	16,9948	22,3513	0,395266	-0,749858	0,45334	0,714659 no
AN3895	ChrII_A_nidulans_FGSC_A4:2747115-2748975	WT_5hasex	WT_veg	OK	7,82968	26,1356	1,73899	-2,68361	0,00728328	0,0404257 yes
AN3896	ChrII_A_nidulans_FGSC_A4:2744986-2745946	WT_5hasex	WT_veg	OK	2,0349	2,85948	0,490792	-0,359652	0,719107	0,879622 no
AN3897	ChrII_A_nidulans_FGSC_A4:2742678-2744853	WT_5hasex	WT_veg	OK	43,8786	64,7412	0,561167	-1,14163	0,253609	0,522925 no
AN3898	ChrII_A_nidulans_FGSC_A4:2740801-2742190	WT_5hasex	WT_veg	OK	10,1463	12,2173	0,267978	-0,433589	0,664587	0,849948 no
AN3900	ChrII_A_nidulans_FGSC_A4:2733967-2736316	WT_5hasex	WT_veg	OK	6,43629	30,1681	2,22872	-3,64582	0,00026654	0,00255155 yes
AN3901	ChrII_A_nidulans_FGSC_A4:2731762-2733489	WT_5hasex	WT_veg	OK	47,2813	75,0644	0,66686	-1,21328	0,225023	0,487258 no
AN3902	ChrII_A_nidulans_FGSC_A4:2729340-2731348	WT_5hasex	WT_veg	OK	3,04574	9,66928	1,66662	-2,43158	0,0150332	0,0716546 no
AN3905	ChrII_A_nidulans_FGSC_A4:2715015-2716514	WT_5hasex	WT_veg	OK	37,9428	48,3282	0,349042	-0,677696	0,497965	0,748295 no
AN3906	ChrII_A_nidulans_FGSC_A4:2707301-2711053	WT_5hasex	WT_veg	OK	66,1348	87,8046	0,408886	-0,80303	0,421958	0,689957 no
AN3907	ChrII_A_nidulans_FGSC_A4:2697977-2701463	WT_5hasex	WT_veg	OK	26,5413	28,0661	0,0805898	-0,166662	0,867636	0,949299 no
AN3909	ChrII_A_nidulans_FGSC_A4:2687978-2691520	WT_5hasex	WT_veg	OK	7,89481	15,6483	0,987034	-1,86355	0,062385	0,207694 no
AN3910	ChrII_A_nidulans_FGSC_A4:2684802-2687034	WT_5hasex	WT_veg	OK	42,9611	70,0591	0,70554	-1,44701	0,147895	0,375503 no
AN3911	ChrII_A_nidulans_FGSC_A4:2680265-2681996	WT_5hasex	WT_veg	OK	83,6351	132,396	0,662684	-1,3754	0,169007	0,409238 no
AN3915	ChrII_A_nidulans_FGSC_A4:2659421-2660568	WT_5hasex	WT_veg	NOTEST	0,318967	0,811499	1,34718	-0,741852	0,458177	1 no
AN3916	ChrII_A_nidulans_FGSC_A4:2655310-2657364	WT_5hasex	WT_veg	OK	3,86693	29,417	2,92739	-4,38045	1,1843E-05	0,00016671 yes
AN3918	ChrII_A_nidulans_FGSC_A4:2649466-2651409	WT_5hasex	WT_veg	OK	154,899	205,097	0,404982	-0,810919	0,417412	0,686284 no
AN3919	ChrII_A_nidulans_FGSC_A4:2647132-2648883	WT_5hasex	WT_veg	OK	57,6963	168,433	1,54562	-3,20372	0,00135665	0,0101055 yes
AN3920	ChrII_A_nidulans_FGSC_A4:2644574-2646657	WT_5hasex	WT_veg	OK	73,073	104,629	0,517866	-1,07452	0,28259	0,556451 no
AN3921	ChrII_A_nidulans_FGSC_A4:2643476-2644151	WT_5hasex	WT_veg	OK	22,4433	30,0335	0,420284	-0,711896	0,476529	0,732545 no
AN3922	ChrII_A_nidulans_FGSC_A4:2642344-2643054	WT_5hasex	WT_veg	OK	565,973	993,623	0,811964	-1,56121	0,118474	0,324886 no
AN3923	ChrII_A_nidulans_FGSC_A4:2634860-2641743	WT_5hasex	WT_veg	OK	12,6599	32,4033	1,35587	-2,78645	0,00532892	0,0312986 yes
AN3924	ChrII_A_nidulans_FGSC_A4:2632635-2634483	WT_5hasex	WT_veg	OK	16,4582	62,3944	1,92261	-3,70443	0,00021186	0,00209311 yes
AN3925	ChrII_A_nidulans_FGSC_A4:2629321-2630624	WT_5hasex	WT_veg	OK	585,399	1301,13	1,15228	-1,98324	0,0473404	0,170979 no
AN3926	ChrII_A_nidulans_FGSC_A4:2627210-2628871	WT_5hasex	WT_veg	OK	20,7786	30,1413	0,536642	-1,02743	0,304218	0,580202 no
AN3927	ChrII_A_nidulans_FGSC_A4:2625658-2627014	WT_5hasex	WT_veg	OK	31,2369	38,0542	0,284806	-0,56263	0,573687	0,797234 no
AN3930	ChrII_A_nidulans_FGSC_A4:2616527-2618584	WT_5hasex	WT_veg	OK	13,1516	21,1092	0,682628	-1,28455	0,198948	0,452939 no
AN3932	ChrII_A_nidulans_FGSC_A4:2611983-2613325	WT_5hasex	WT_veg	OK	304,62	364,054	0,257139	-0,509209	0,610605	0,819396 no
AN3933	ChrII_A_nidulans_FGSC_A4:2607820-2611753	WT_5hasex	WT_veg	OK	26,9658	68,7528	1,35029	-2,837	0,00455391	0,0275973 yes
AN3934	ChrII_A_nidulans_FGSC_A4:2605243-2606503	WT_5hasex	WT_veg	OK	49,4634	103,681	1,06772	-2,08659	0,0369256	0,142167 no
AN3935	ChrII_A_nidulans_FGSC_A4:2603343-2604379	WT_5hasex	WT_veg	OK	116,061	482,408	2,05536	-4,27982	1,8705E-05	0,00025177 yes
AN3936	ChrII_A_nidulans_FGSC_A4:2600778-2601992	WT_5hasex	WT_veg	OK	15,1519	32,4344	1,09803	-1,84818	0,0645756	0,21293 no
AN3937	ChrII_A_nidulans_FGSC_A4:2598574-2600313	WT_5hasex	WT_veg	OK	8,39734	15,5295	0,887008	-1,49785	0,134172	0,352904 no
AN3938	ChrII_A_nidulans_FGSC_A4:2590236-2598156	WT_5hasex	WT_veg	OK	4,60298	19,9339	2,11458	-4,15862	3,2017E-05	0,00040624 yes
AN3939	ChrII_A_nidulans_FGSC_A4:2586209-2589122	WT_5hasex	WT_veg	OK	18,5849	17,6765	-0,0723017	0,145372	0,884417	0,955955 no
AN3940	ChrII_A_nidulans_FGSC_A4:2584938-2585816	WT_5hasex	WT_veg	OK	7,29323	16,1989	1,15126	-1,65996	0,0969234	0,282926 no
AN3942	ChrII_A_nidulans_FGSC_A4:2574933-2576037	WT_5hasex	WT_veg	OK	20,9677	21,9841	0,0682887	-0,122447	0,902545	0,962477 no
AN3943	ChrII_A_nidulans_FGSC_A4:2573472-2574523	WT_5hasex	WT_veg	OK	64,5217	76,0103	0,236411	-0,478357	0,632396	0,831829 no
AN3944	ChrII_A_nidulans_FGSC_A4:2567154-2570379	WT_5hasex	WT_veg	OK	12,3747	45,6151	1,88212	-3,72274	0,00019707	0,00196742 yes
AN3945	ChrII_A_nidulans_FGSC_A4:2559919-2561896	WT_5hasex	WT_veg	OK	27,9438	45,7845	0,71233	-1,39128	0,164142	0,401537 no
AN3947	ChrII_A_nidulans_FGSC_A4:2551432-2553470	WT_5hasex	WT_veg	OK	11,3831	26,2648	1,20624	-2,17961	0,0292864	0,119077 no
AN3948	ChrII_A_nidulans_FGSC_A4:2546963-2548980	WT_5hasex	WT_veg	OK	44,6002	78,6885	0,819104	-1,70856	0,0875323	0,264053 no
AN3951	ChrII_A_nidulans_FGSC_A4:2534810-2537297	WT_5hasex	WT_veg	NOTEST	0	0,389064	1.79769e+308	1.79769e+308	0,123323	1 no
AN3952	ChrII_A_nidulans_FGSC_A4:2529141-2534482	WT_5hasex	WT_veg	OK	4,84312	1,89179	-1,35618	2,29334	0,0218286	0,0952425 no
AN3953	ChrII_A_nidulans_FGSC_A4:2525834-2526896	WT_5hasex	WT_veg	OK	19,6021	60,5655	1,62749	-2,91247	0,00358585	0,0226967 yes
AN3954	ChrII_A_nidulans_FGSC_A4:2522283-2524565	WT_5hasex	WT_veg	OK	580,997	1448,75	1,3182	-2,30105	0,0213889	0,0937998 no
AN3955	ChrII_A_nidulans_FGSC_A4:2520365-2522109	WT_5hasex	WT_veg	OK	127,722	83,6999	-0,609704	1,23928	0,21524	0,475026 no
AN3956	ChrII_A_nidulans_FGSC_A4:2518057-2519937	WT_5hasex	WT_veg	OK	15,4869	34,3984	1,15129	-2,16678	0,0302517	0,122074 no
AN3958	ChrII_A_nidulans_FGSC_A4:2513902-2515093	WT_5hasex	WT_veg	OK	6,48118	12,888	0,991699	-1,48633	0,137191	0,357879 no
AN3959	ChrII_A_nidulans_FGSC_A4:2510080-2511837	WT_5hasex	WT_veg	OK	4,7835	9,44899	0,982093	-1,4373	0,150634	0,37999 no
AN3960	ChrII_A_nidulans_FGSC_A4:2507574-2509298	WT_5hasex	WT_veg	OK	0,667279	4,10783	2,62201	-2,86686	0,0041457	0,025537 yes
AN3961	ChrII_A_nidulans_FGSC_A4:2503751-2505868	WT_5hasex	WT_veg	OK	288,705	195,676	-0,561128	1,01468	0,310259	0,586673 no

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AN3963	ChrII_A_nidulans_FGSC_A4:2491032-2492105	WT_5hasex	WT_veg	OK	6,9646	12,0789	0,794372	-1,07856	0,280784	0,554401	no
AN3964	ChrII_A_nidulans_FGSC_A4:2488781-2489726	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3965	ChrII_A_nidulans_FGSC_A4:2487453-2488571	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3966	ChrII_A_nidulans_FGSC_A4:2484983-2486140	WT_5hasex	WT_veg	NOTEST	0,309086	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3967	ChrII_A_nidulans_FGSC_A4:2482739-2484034	WT_5hasex	WT_veg	NOTEST	1,06612	3,31337	1,63592	-1,4066	0,159545	1	no
AN3968	ChrII_A_nidulans_FGSC_A4:2479001-2479592	WT_5hasex	WT_veg	NOTEST	0,664323	0,281186	-1,24036	0,392398	0,694764	1	no
AN3969	ChrII_A_nidulans_FGSC_A4:2474435-2475545	WT_5hasex	WT_veg	OK	9,78462	17,5071	0,839351	-1,30481	0,191957	0,44322	no
AN3970	ChrII_A_nidulans_FGSC_A4:2472681-2474167	WT_5hasex	WT_veg	OK	18,1794	20,2397	0,154889	-0,28175	0,778136	0,909238	no
AN3972	ChrII_A_nidulans_FGSC_A4:2464002-2467873	WT_5hasex	WT_veg	OK	18,1472	32,1538	0,825239	-1,68013	0,0929323	0,275132	no
AN3973	ChrII_A_nidulans_FGSC_A4:2462856-2463780	WT_5hasex	WT_veg	OK	119,923	370,012	1,62547	-3,39348	0,0006901	0,00572376	yes
AN3974	ChrII_A_nidulans_FGSC_A4:2460993-2462012	WT_5hasex	WT_veg	OK	11,2705	13,3546	0,244792	-0,363484	0,716243	0,878304	no
AN3975	ChrII_A_nidulans_FGSC_A4:2457064-2457967	WT_5hasex	WT_veg	OK	2,98688	1,61535	-0,886792	0,801597	0,422786	0,690741	no
AN3976	ChrII_A_nidulans_FGSC_A4:2452402-2453462	WT_5hasex	WT_veg	OK	145,15	194,154	0,41966	-0,779809	0,435503	0,700889	no
AN3977	ChrII_A_nidulans_FGSC_A4:2450051-2451461	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3979	ChrII_A_nidulans_FGSC_A4:2441499-2442166	WT_5hasex	WT_veg	OK	80,8038	190,069	1,23403	-2,48629	0,0129081	0,0637404	no
AN3980	ChrII_A_nidulans_FGSC_A4:2438587-2439646	WT_5hasex	WT_veg	NOTEST	0,556746	2,0413	1,8744	-1,47039	0,141456	1	no
AN3982	ChrII_A_nidulans_FGSC_A4:2432322-2433752	WT_5hasex	WT_veg	OK	4,0835	3,75081	-0,122603	0,157397	0,874932	0,952095	no
AN3983	ChrII_A_nidulans_FGSC_A4:2429832-2430844	WT_5hasex	WT_veg	OK	4,56494	16,0692	1,81563	-2,04923	0,0404395	0,152038	no
AN3984	ChrII_A_nidulans_FGSC_A4:2426465-2427459	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3985	ChrII_A_nidulans_FGSC_A4:2424450-2426057	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3986	ChrII_A_nidulans_FGSC_A4:2421837-2424116	WT_5hasex	WT_veg	NOTEST	0,345506	1,18311	1,7758	-1,60254	0,109036	1	no
AN3987	ChrII_A_nidulans_FGSC_A4:2419684-2421427	WT_5hasex	WT_veg	OK	28,3017	39,8885	0,495083	-0,961003	0,336551	0,612699	no
AN3988	ChrII_A_nidulans_FGSC_A4:2411692-2416203	WT_5hasex	WT_veg	NOTEST	0,518794	1,26776	1,28905	-1,44494	0,148476	1	no
AN3989	ChrII_A_nidulans_FGSC_A4:2409073-2409697	WT_5hasex	WT_veg	NOTEST	0,388354	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3990	ChrII_A_nidulans_FGSC_A4:2405568-2407143	WT_5hasex	WT_veg	NOTEST	0,110341	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN3991	ChrII_A_nidulans_FGSC_A4:2403562-2405122	WT_5hasex	WT_veg	NOTEST	0,154646	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN3992	ChrII_A_nidulans_FGSC_A4:2401152-2403475	WT_5hasex	WT_veg	NOTEST	0,69021	1,02536	0,571024	-0,566996	0,570717	1	no
AN3993	ChrII_A_nidulans_FGSC_A4:2398538-2399626	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN3994	ChrII_A_nidulans_FGSC_A4:2397172-2398378	WT_5hasex	WT_veg	OK	1,89319	2,78979	0,559335	-0,591647	0,554087	0,784588	no
AN3995	ChrII_A_nidulans_FGSC_A4:2395336-2396737	WT_5hasex	WT_veg	NOTEST	0,885045	2,3112	1,38482	-1,31989	0,186872	1	no
AN3996	ChrII_A_nidulans_FGSC_A4:2391335-2392264	WT_5hasex	WT_veg	OK	125,523	74,8992	-0,744924	1,16604	0,243599	0,510897	no
AN3997	ChrII_A_nidulans_FGSC_A4:2388128-2389487	WT_5hasex	WT_veg	NOTEST	0,707154	2,48851	1,81519	-1,80655	0,0708325	1	no
AN3998	ChrII_A_nidulans_FGSC_A4:2386171-2387245	WT_5hasex	WT_veg	OK	63,7335	163,043	1,35513	-2,56213	0,0104031	0,0537657	no
AN4001	ChrII_A_nidulans_FGSC_A4:2374070-2376089	WT_5hasex	WT_veg	OK	1,94702	6,12297	1,65296	-2,27801	0,022726	0,0980639	no
AN4002	ChrII_A_nidulans_FGSC_A4:2372643-2373752	WT_5hasex	WT_veg	OK	6,59557	34,7752	2,39849	-3,6324	0,00028079	0,00266705	yes
AN4003	ChrII_A_nidulans_FGSC_A4:2369971-2371083	WT_5hasex	WT_veg	OK	10,895	202,944	4,21935	-6,96783	3,2185E-12	1,6584E-10	yes
AN4004	ChrII_A_nidulans_FGSC_A4:2366001-2367285	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4005	ChrII_A_nidulans_FGSC_A4:2363409-2365150	WT_5hasex	WT_veg	NOTEST	0,231757	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN4006	ChrII_A_nidulans_FGSC_A4:2357614-2361099	WT_5hasex	WT_veg	NOTEST	0,209194	3,82121	4,19112	-4,14849	3,3468E-05	1	no
AN4008	ChrII_A_nidulans_FGSC_A4:2352786-2354155	WT_5hasex	WT_veg	OK	218,162	1268,25	2,53937	-3,75837	0,00017103	0,00174191	yes
AN4009	ChrII_A_nidulans_FGSC_A4:2351265-2352654	WT_5hasex	WT_veg	OK	1,33714	7,89376	2,56157	-2,96337	0,00304291	0,0197859	yes
AN4010	ChrII_A_nidulans_FGSC_A4:2348582-2350736	WT_5hasex	WT_veg	NOTEST	1,18147	2,23036	0,916695	-1,11352	0,265484	1	no
AN4011	ChrII_A_nidulans_FGSC_A4:2346871-2348350	WT_5hasex	WT_veg	OK	1,78456	7,50307	2,07191	-2,6571	0,00788167	0,0430673	yes
AN4012	ChrII_A_nidulans_FGSC_A4:2344558-2346298	WT_5hasex	WT_veg	NOTEST	0,262704	0,110926	-1,24384	0,390523	0,696149	1	no
AN4013	ChrII_A_nidulans_FGSC_A4:2340408-2343272	WT_5hasex	WT_veg	OK	4,93779	9,00687	0,86716	-1,42787	0,153329	0,38464	no
AN4015	ChrII_A_nidulans_FGSC_A4:2334419-2335565	WT_5hasex	WT_veg	OK	1540,85	3492,07	1,18036	-1,96734	0,0491443	0,175464	no
AN4016	ChrII_A_nidulans_FGSC_A4:2330673-2331838	WT_5hasex	WT_veg	OK	2062,57	3166,08	0,61825	-1,02028	0,307595	0,583658	no
AN4017	ChrII_A_nidulans_FGSC_A4:2329410-2330598	WT_5hasex	WT_veg	OK	92,4994	139,428	0,592005	-1,18833	0,234702	0,499896	no
AN4018	ChrII_A_nidulans_FGSC_A4:2326125-2328689	WT_5hasex	WT_veg	OK	40,7956	73,2856	0,845117	-1,71493	0,0863587	0,261744	no
AN4019	ChrII_A_nidulans_FGSC_A4:2323534-2325493	WT_5hasex	WT_veg	OK	25,7428	71,4597	1,47296	-2,7629	0,00572907	0,0332574	yes
AN4020	ChrII_A_nidulans_FGSC_A4:2322428-2322894	WT_5hasex	WT_veg	OK	130,412	227,714	0,804146	-1,55655	0,119576	0,326935	no
AN4021	ChrII_A_nidulans_FGSC_A4:2320306-2321741	WT_5hasex	WT_veg	OK	29,9818	62,6823	1,06397	-2,11245	0,0346475	0,135715	no
AN4022	ChrII_A_nidulans_FGSC_A4:2317509-2319762	WT_5hasex	WT_veg	OK	4,99509	16,6401	1,73608	-2,8292	0,00466642	0,0281522	yes

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AN4023	ChrII_A_nidulans_FGSC_A4:2315225-2315783	WT_5hasex	WT_veg	OK	39,1375	56,6794	0,534275	-0,941526	0,346436	0,621837	no
AN4024	ChrII_A_nidulans_FGSC_A4:2312522-2314117	WT_5hasex	WT_veg	OK	43,3275	54,8415	0,339984	-0,691442	0,489288	0,742251	no
AN4025	ChrII_A_nidulans_FGSC_A4:2311017-2311958	WT_5hasex	WT_veg	OK	125,54	562,844	2,16458	-4,43226	9,3249E-06	0,00013525	yes
AN4026	ChrII_A_nidulans_FGSC_A4:2306285-2308877	WT_5hasex	WT_veg	OK	58,5546	103,803	0,825997	-1,70502	0,08819	0,265367	no
AN4027	ChrII_A_nidulans_FGSC_A4:2303162-2304647	WT_5hasex	WT_veg	OK	22,1722	33,0335	0,575183	-1,09848	0,271995	0,544524	no
AN4028	ChrII_A_nidulans_FGSC_A4:2298866-2302554	WT_5hasex	WT_veg	OK	19,3143	31,3912	0,700689	-1,43447	0,151439	0,38136	no
AN4029	ChrII_A_nidulans_FGSC_A4:2297615-2298006	WT_5hasex	WT_veg	OK	1,7522	16,3574	3,22271	-2,47105	0,0134718	0,0658274	no
AN4031	ChrII_A_nidulans_FGSC_A4:2290079-2291015	WT_5hasex	WT_veg	OK	71,8892	69,8421	-0,0416784	0,0834639	0,933483	0,974948	no
AN4032	ChrII_A_nidulans_FGSC_A4:2286633-2289475	WT_5hasex	WT_veg	OK	10,6615	13,7771	0,369853	-0,695225	0,486914	0,740583	no
AN4033	ChrII_A_nidulans_FGSC_A4:2285484-2286205	WT_5hasex	WT_veg	OK	120,203	161,136	0,422798	-0,851985	0,394222	0,667265	no
AN4036	ChrII_A_nidulans_FGSC_A4:2276928-2278261	WT_5hasex	WT_veg	OK	18,3	30,0955	0,717706	-1,29213	0,196311	0,449218	no
AN4037	ChrII_A_nidulans_FGSC_A4:2271647-2275652	WT_5hasex	WT_veg	OK	11,7569	10,6137	-0,147584	0,281876	0,778038	0,909189	no
AN4038	ChrII_A_nidulans_FGSC_A4:2266587-2271357	WT_5hasex	WT_veg	OK	54,6147	135,02	1,30581	-2,58584	0,00971423	0,0508893	no
AN4039	ChrII_A_nidulans_FGSC_A4:2266587-2271357	WT_5hasex	WT_veg	OK	46,014	167,573	1,86465	-3,72196	0,00019769	0,00197279	yes
AN4040	ChrII_A_nidulans_FGSC_A4:2264620-2266247	WT_5hasex	WT_veg	NOTEST	0,398982	1,92155	2,26787	-2,09816	0,0358912	1	no
AN4041	ChrII_A_nidulans_FGSC_A4:2263044-2263626	WT_5hasex	WT_veg	OK	8,68517	10,4113	0,261522	-0,334557	0,73796	0,88986	no
AN4043	ChrII_A_nidulans_FGSC_A4:2256336-2258365	WT_5hasex	WT_veg	OK	47,4982	65,3549	0,460421	-0,951684	0,341257	0,616882	no
AN4045	ChrII_A_nidulans_FGSC_A4:2246240-2247632	WT_5hasex	WT_veg	OK	15,5026	23,6036	0,606499	-1,09029	0,275586	0,548722	no
AN4046	ChrII_A_nidulans_FGSC_A4:2243653-2245510	WT_5hasex	WT_veg	OK	34,9514	187,16	2,42085	-5,01692	5,2508E-07	1,0301E-05	yes
AN4047	ChrII_A_nidulans_FGSC_A4:2242117-2243458	WT_5hasex	WT_veg	OK	2,7144	2,95102	0,12058	-0,146296	0,883688	0,955883	no
AN4048	ChrII_A_nidulans_FGSC_A4:2240357-2241823	WT_5hasex	WT_veg	OK	14,2969	32,7793	1,19709	-2,12784	0,03335	0,131686	no
AN4049	ChrII_A_nidulans_FGSC_A4:2239306-2240216	WT_5hasex	WT_veg	OK	860,635	1069,07	0,312888	-0,509081	0,610695	0,819421	no
AN4050	ChrII_A_nidulans_FGSC_A4:2234357-2236289	WT_5hasex	WT_veg	OK	25,8523	37,7356	0,545633	-1,02015	0,307659	0,583664	no
AN4051	ChrII_A_nidulans_FGSC_A4:2232434-2233782	WT_5hasex	WT_veg	OK	1073,87	1633,15	0,604834	-0,997322	0,318608	0,594682	no
AN4053	ChrII_A_nidulans_FGSC_A4:2224626-2228283	WT_5hasex	WT_veg	OK	12,7374	25,1094	0,979161	-1,96008	0,0499861	0,177512	no
AN4054	ChrII_A_nidulans_FGSC_A4:2222197-2223834	WT_5hasex	WT_veg	OK	8,42691	13,9859	0,730896	-1,19687	0,231356	0,495627	no
AN4055	ChrII_A_nidulans_FGSC_A4:2220579-2221948	WT_5hasex	WT_veg	OK	83,8838	68,0035	-0,302783	0,543978	0,586457	0,805183	no
AN4057	ChrII_A_nidulans_FGSC_A4:2214368-2216408	WT_5hasex	WT_veg	OK	58,4312	168,921	1,53154	-3,12113	0,00180162	0,0127907	yes
AN4058	ChrII_A_nidulans_FGSC_A4:2210860-2212924	WT_5hasex	WT_veg	OK	26,8311	28,1079	0,0670696	-0,134674	0,89287	0,959154	no
AN4059	ChrII_A_nidulans_FGSC_A4:2209591-2210339	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4061	ChrII_A_nidulans_FGSC_A4:2206470-2207051	WT_5hasex	WT_veg	OK	13,7453	18,1989	0,404911	-0,550532	0,581954	0,802304	no
AN4062	ChrII_A_nidulans_FGSC_A4:2202356-2203864	WT_5hasex	WT_veg	OK	65,2043	168,17	1,36688	-2,81736	0,00484201	0,0289879	yes
AN4063	ChrII_A_nidulans_FGSC_A4:2200586-2202014	WT_5hasex	WT_veg	OK	31,6041	93,6267	1,56681	-3,1239	0,00178468	0,0127031	yes
AN4064	ChrII_A_nidulans_FGSC_A4:2198855-2200464	WT_5hasex	WT_veg	OK	2926,99	7366,48	1,33156	-1,572	0,115951	0,319979	yes
AN4065	ChrII_A_nidulans_FGSC_A4:2195769-2197737	WT_5hasex	WT_veg	OK	24,4969	160,102	2,70832	-5,4676	4,5617E-08	1,1453E-06	yes
AN4066	ChrII_A_nidulans_FGSC_A4:2191000-2195411	WT_5hasex	WT_veg	OK	19,2485	34,2375	0,830833	-1,69455	0,09016	0,269467	no
AN4067	ChrII_A_nidulans_FGSC_A4:2190269-2190908	WT_5hasex	WT_veg	OK	9,32536	9,05795	-0,0419749	0,0576761	0,954007	0,982911	no
AN4068	ChrII_A_nidulans_FGSC_A4:2188651-2189972	WT_5hasex	WT_veg	OK	15,0248	13,1428	-0,193072	0,328979	0,742171	0,891554	no
AN4070	ChrII_A_nidulans_FGSC_A4:2184678-2187085	WT_5hasex	WT_veg	OK	97,0207	110,021	0,181409	-0,371863	0,709995	0,87517	no
AN4071	ChrII_A_nidulans_FGSC_A4:2184678-2187085	WT_5hasex	WT_veg	OK	37,8225	63,0424	0,737078	-1,45716	0,145072	0,371031	no
AN4072	ChrII_A_nidulans_FGSC_A4:2179437-2183445	WT_5hasex	WT_veg	OK	57,6854	95,2512	0,72353	-1,46063	0,144118	0,369493	no
AN4073	ChrII_A_nidulans_FGSC_A4:2178405-2179162	WT_5hasex	WT_veg	OK	1565,73	1751,08	0,161407	-0,278886	0,780332	0,910347	no
AN4074	ChrII_A_nidulans_FGSC_A4:2176069-2177952	WT_5hasex	WT_veg	OK	17,6653	17,8381	0,0140421	-0,026648	0,978741	0,992491	no
AN4075	ChrII_A_nidulans_FGSC_A4:2174356-2174926	WT_5hasex	WT_veg	OK	18,712	23,7004	0,340946	-0,527899	0,59757	0,811713	no
AN4076	ChrII_A_nidulans_FGSC_A4:2169409-2173139	WT_5hasex	WT_veg	OK	23,1115	42,2038	0,868765	-1,69101	0,0908351	0,270621	no
AN4077	ChrII_A_nidulans_FGSC_A4:2165863-2167587	WT_5hasex	WT_veg	OK	29,5885	53,3733	0,851081	-1,65538	0,097847	0,284854	no
AN4078	ChrII_A_nidulans_FGSC_A4:2163180-2164379	WT_5hasex	WT_veg	OK	3,78742	7,85216	1,05187	-1,20394	0,228612	0,491698	no
AN4079	ChrII_A_nidulans_FGSC_A4:2159153-2160841	WT_5hasex	WT_veg	OK	22,9571	45,0734	0,973334	-1,80679	0,0707948	0,227311	no
AN4080	ChrII_A_nidulans_FGSC_A4:2156154-2157874	WT_5hasex	WT_veg	OK	79,6163	154,843	0,959668	-1,98913	0,0466873	0,169203	no
AN4081	ChrII_A_nidulans_FGSC_A4:2154588-2155778	WT_5hasex	WT_veg	OK	220,091	213,709	-0,0424544	0,0871205	0,930576	0,973566	no
AN4082	ChrII_A_nidulans_FGSC_A4:2151685-2154157	WT_5hasex	WT_veg	OK	26,2694	36,1078	0,458927	-0,841003	0,400346	0,672477	no
AN4083	ChrII_A_nidulans_FGSC_A4:2149163-2150725	WT_5hasex	WT_veg	OK	14,5155	12,4061	-0,226541	0,396832	0,691491	0,864459	no
AN4084	ChrII_A_nidulans_FGSC_A4:2146680-2148466	WT_5hasex	WT_veg	OK	33,2868	63,1747	0,924396	-1,85499	0,0635979	0,210528	no

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AN4085	ChrII_A_nidulans_FGSC_A4:2142705-2145148	WT_5hasex	WT_veg	OK	129,272	197,949	0,614719	-1,2265	0,220012	0,48134	no
AN4086	ChrII_A_nidulans_FGSC_A4:2139477-2142054	WT_5hasex	WT_veg	OK	80,1321	95,4608	0,252528	-0,520305	0,602851	0,814863	no
AN4087	ChrII_A_nidulans_FGSC_A4:2137842-2139202	WT_5hasex	WT_veg	OK	937,917	1762,39	0,910004	-1,57335	0,115638	0,319417	no
AN4088	ChrII_A_nidulans_FGSC_A4:2115612-2117361	WT_5hasex	WT_veg	OK	92,179	286,116	1,63409	-3,14234	0,00167605	0,0120495	yes
AN4089	ChrII_A_nidulans_FGSC_A4:2111905-2114372	WT_5hasex	WT_veg	OK	104,939	275,172	1,39078	-2,69904	0,00695401	0,0389154	yes
AN4090	ChrII_A_nidulans_FGSC_A4:2111414-2111735	WT_5hasex	WT_veg	OK	35,8423	48,7199	0,442849	-0,675688	0,499239	0,749151	no
AN4091	ChrII_A_nidulans_FGSC_A4:2106442-2110359	WT_5hasex	WT_veg	OK	2,1052	0,330406	-2,67164	1,86874	0,0616593	0,206171	no
AN4092	ChrII_A_nidulans_FGSC_A4:2104224-2105866	WT_5hasex	WT_veg	OK	12,9681	11,1527	-0,217571	0,382438	0,702136	0,870533	no
AN4093	ChrII_A_nidulans_FGSC_A4:2100353-2102351	WT_5hasex	WT_veg	OK	5,61749	7,70561	0,455983	-0,702308	0,482487	0,736993	no
AN4094	ChrII_A_nidulans_FGSC_A4:2098621-2100188	WT_5hasex	WT_veg	OK	97,0284	329,535	1,76395	-3,68524	0,00022849	0,00223547	yes
AN4095	ChrII_A_nidulans_FGSC_A4:2096550-2098324	WT_5hasex	WT_veg	OK	102,18	215,511	1,07665	-2,20983	0,0271172	0,112172	no
AN4096	ChrII_A_nidulans_FGSC_A4:2092915-2096110	WT_5hasex	WT_veg	OK	6,10432	9,01323	0,562214	-0,981815	0,326191	0,602569	no
AN4097	ChrII_A_nidulans_FGSC_A4:2090752-2092338	WT_5hasex	WT_veg	OK	6,04631	8,54879	0,499666	-0,739233	0,459765	0,720015	no
AN4098	ChrII_A_nidulans_FGSC_A4:2089133-2090520	WT_5hasex	WT_veg	OK	3,70972	5,97439	0,687479	-0,930869	0,351922	0,627493	no
AN4100	ChrII_A_nidulans_FGSC_A4:2084470-2085249	WT_5hasex	WT_veg	OK	3,37017	14,2142	2,07644	-2,63026	0,00853187	0,0459257	yes
AN4101	ChrII_A_nidulans_FGSC_A4:2083155-2084445	WT_5hasex	WT_veg	OK	3,54095	16,381	2,20981	-2,98477	0,00283788	0,0186611	yes
AN4103	ChrII_A_nidulans_FGSC_A4:2075934-2077849	WT_5hasex	WT_veg	OK	4,46849	9,38157	1,07004	-1,47655	0,139796	0,362152	no
AN4104	ChrII_A_nidulans_FGSC_A4:2073230-2074569	WT_5hasex	WT_veg	OK	4,87587	6,67404	0,452902	-0,626657	0,530884	0,770129	no
AN4105	ChrII_A_nidulans_FGSC_A4:2069379-2072925	WT_5hasex	WT_veg	OK	9,43892	16,5365	0,808959	-1,28736	0,197969	0,45173	no
AN4106	ChrII_A_nidulans_FGSC_A4:2069379-2072925	WT_5hasex	WT_veg	NOTEST	0,521948	0,507683	-0,0399785	0,0287915	0,977031	1	no
AN4107	ChrII_A_nidulans_FGSC_A4:2066116-2068555	WT_5hasex	WT_veg	NOTEST	0,40849	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN4108	ChrII_A_nidulans_FGSC_A4:2063930-2065288	WT_5hasex	WT_veg	NOTEST	0,405795	1,51374	1,8993	-1,34213	0,179555	1	no
AN4109	ChrII_A_nidulans_FGSC_A4:2061588-2063751	WT_5hasex	WT_veg	NOTEST	1,05305	0,411936	-1,35408	0,850805	0,394878	1	no
AN4110	ChrII_A_nidulans_FGSC_A4:2059560-2061219	WT_5hasex	WT_veg	NOTEST	1,38961	1,22799	-0,178381	0,16741	0,867047	1	no
AN4111	ChrII_A_nidulans_FGSC_A4:2057768-2059029	WT_5hasex	WT_veg	OK	5,62331	3,19802	-0,814238	0,964182	0,334955	0,611212	no
AN4112	ChrII_A_nidulans_FGSC_A4:2055190-2057041	WT_5hasex	WT_veg	OK	62,8673	117,213	0,898754	-1,85323	0,0638495	0,211161	no
AN4113	ChrII_A_nidulans_FGSC_A4:2050750-2054594	WT_5hasex	WT_veg	OK	206,68	805,023	1,96163	-3,18806	0,00143229	0,0105607	yes
AN4114	ChrII_A_nidulans_FGSC_A4:2044365-2046785	WT_5hasex	WT_veg	OK	0,831301	5,47987	2,7207	-2,87373	0,00405655	0,0250585	yes
AN4115	ChrII_A_nidulans_FGSC_A4:2040659-2041999	WT_5hasex	WT_veg	NOTEST	1,12259	2,39363	1,09237	-1,15363	0,248653	1	no
AN4116	ChrII_A_nidulans_FGSC_A4:2038451-2040026	WT_5hasex	WT_veg	NOTEST	0,511178	0,1725	-1,56723	0,512087	0,60859	1	no
AN4118	ChrII_A_nidulans_FGSC_A4:2032188-2033868	WT_5hasex	WT_veg	OK	6,45036	3,26111	-0,984018	1,32168	0,186274	0,43537	no
AN4119	ChrII_A_nidulans_FGSC_A4:2030219-2031888	WT_5hasex	WT_veg	OK	404,778	8,4472	-5,58252	8,01465	1,1102E-15	9,0761E-14	yes
AN4120	ChrII_A_nidulans_FGSC_A4:2026356-2027592	WT_5hasex	WT_veg	OK	111,918	20,3193	-2,46152	4,17502	2,9796E-05	0,00038166	yes
AN4121	ChrII_A_nidulans_FGSC_A4:2023374-2025233	WT_5hasex	WT_veg	NOTEST	0,711062	3,5517	2,32046	-2,63532	0,00840588	1	no
AN4122	ChrII_A_nidulans_FGSC_A4:2020523-2021936	WT_5hasex	WT_veg	OK	9,6747	5,55997	-0,79914	1,02285	0,306378	0,582645	no
AN4123	ChrII_A_nidulans_FGSC_A4:2018629-2020036	WT_5hasex	WT_veg	OK	2,75019	4,03467	0,552919	-0,633869	0,526166	0,767364	no
AN4124	ChrII_A_nidulans_FGSC_A4:2016974-2018549	WT_5hasex	WT_veg	OK	5,64019	7,46869	0,405113	-0,516837	0,60527	0,81657	no
AN4125	ChrII_A_nidulans_FGSC_A4:2015937-2016345	WT_5hasex	WT_veg	OK	0	6,19365	1.79769e+308	1.79769e+308	0,0120369	0,0603192	no
AN4126	ChrII_A_nidulans_FGSC_A4:2013509-2015303	WT_5hasex	WT_veg	OK	4,94302	3,70997	-0,413983	0,578047	0,563232	0,791019	no
AN4127	ChrII_A_nidulans_FGSC_A4:2010140-2011047	WT_5hasex	WT_veg	OK	3707,78	608,613	-2,60696	3,07813	0,00208301	0,0144517	yes
AN4129	ChrII_A_nidulans_FGSC_A4:1999767-2001827	WT_5hasex	WT_veg	NOTEST	0,866371	0,345426	-1,32661	0,855046	0,392526	1	no
AN4130	ChrII_A_nidulans_FGSC_A4:1998213-1998663	WT_5hasex	WT_veg	NOTEST	0,585896	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN4131	ChrII_A_nidulans_FGSC_A4:1994343-1996264	WT_5hasex	WT_veg	OK	3,58735	2,55307	-0,490683	0,598913	0,549231	0,78162	no
AN4132	ChrII_A_nidulans_FGSC_A4:1989089-1990192	WT_5hasex	WT_veg	NOTEST	0,200914	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN4133	ChrII_A_nidulans_FGSC_A4:1986012-1987376	WT_5hasex	WT_veg	OK	1,02424	4,98297	2,28245	-2,24128	0,025008	0,10547	no
AN4136	ChrII_A_nidulans_FGSC_A4:1979632-1981009	WT_5hasex	WT_veg	OK	3,98394	12,2426	1,61965	-2,34217	0,019172	0,0861653	no
AN4137	ChrII_A_nidulans_FGSC_A4:1978462-1979016	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4138	ChrII_A_nidulans_FGSC_A4:1974948-1975995	WT_5hasex	WT_veg	NOTEST	0,331688	1,32408	1,99709	-0,869833	0,384392	1	no
AN4140	ChrII_A_nidulans_FGSC_A4:1966664-1968983	WT_5hasex	WT_veg	NOTEST	0,556297	1,52445	1,45436	-1,53851	0,123923	1	no
AN4141	ChrII_A_nidulans_FGSC_A4:1965690-1966335	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4142	ChrII_A_nidulans_FGSC_A4:1962811-1964626	WT_5hasex	WT_veg	NOTEST	0,370038	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN4143	ChrII_A_nidulans_FGSC_A4:1958909-1959293	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4144	ChrII_A_nidulans_FGSC_A4:1957008-1957855	WT_5hasex	WT_veg	NOTEST	0,241502	0	-1.79769e+308	-1.79769e+308	0,165569	1	no

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AN4146	ChrII_A_nidulans_FGSC_A4:1949885-1950586	WT_5hasex	WT_veg	OK	53,0614	87,7966	0,726502	-1,40335	0,160512	0,396079	no
AN4147	ChrII_A_nidulans_FGSC_A4:1948463-1949352	WT_5hasex	WT_veg	OK	13,6592	20,3297	0,573718	-0,877306	0,38032	0,654706	no
AN4148	ChrII_A_nidulans_FGSC_A4:1944776-1946741	WT_5hasex	WT_veg	OK	129,553	504,066	1,96008	-3,25292	0,00114224	0,00875977	yes
AN4149	ChrII_A_nidulans_FGSC_A4:1942783-1944291	WT_5hasex	WT_veg	OK	4,58076	11,0388	1,26893	-1,89312	0,0583418	0,198071	no
AN4150	ChrII_A_nidulans_FGSC_A4:1938947-1940778	WT_5hasex	WT_veg	OK	8,3932	13,9019	0,727992	-1,21459	0,224524	0,48656	no
AN4151	ChrII_A_nidulans_FGSC_A4:1936664-1938293	WT_5hasex	WT_veg	OK	39,3754	171,323	2,12135	-4,0912	4,2914E-05	0,00052493	yes
AN4153	ChrII_A_nidulans_FGSC_A4:1930674-1931938	WT_5hasex	WT_veg	NOTEST	0,201736	1,60288	2,99012	-1,37246	0,169919	1	no
AN4154	ChrII_A_nidulans_FGSC_A4:1928106-1929702	WT_5hasex	WT_veg	OK	13,2615	32,2933	1,28399	-2,13286	0,0329361	0,13037	no
AN4155	ChrII_A_nidulans_FGSC_A4:1925896-1927113	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4156	ChrII_A_nidulans_FGSC_A4:1923794-1925605	WT_5hasex	WT_veg	NOTEST	0,138238	0,605608	2,13123	-0,888443	0,374303	1	no
AN4157	ChrII_A_nidulans_FGSC_A4:1921449-1923637	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4158	ChrII_A_nidulans_FGSC_A4:1919516-1920111	WT_5hasex	WT_veg	OK	1,24168	5,71629	2,20278	-1,57679	0,114845	0,318013	no
AN4160	ChrII_A_nidulans_FGSC_A4:1910207-1913058	WT_5hasex	WT_veg	OK	24,1244	31,0751	0,365266	-0,739374	0,45968	0,719931	no
AN4161	ChrII_A_nidulans_FGSC_A4:1907504-1908763	WT_5hasex	WT_veg	OK	17,7055	51,9254	1,55224	-2,79509	0,00518845	0,030635	yes
AN4162	ChrII_A_nidulans_FGSC_A4:1905539-1907274	WT_5hasex	WT_veg	OK	41,8323	156,917	1,90731	-3,97225	7,1196E-05	0,00081548	yes
AN4164	ChrII_A_nidulans_FGSC_A4:1902214-1903341	WT_5hasex	WT_veg	OK	86,1401	374,722	2,12106	-4,42935	9,4517E-06	0,00013686	yes
AN4165	ChrII_A_nidulans_FGSC_A4:1900838-1901687	WT_5hasex	WT_veg	OK	169,097	198,662	0,232467	-0,477456	0,633037	0,832094	no
AN4167	ChrII_A_nidulans_FGSC_A4:1895388-1897349	WT_5hasex	WT_veg	OK	38,9364	47,967	0,300924	-0,618287	0,536386	0,773305	no
AN4168	ChrII_A_nidulans_FGSC_A4:1892887-1894909	WT_5hasex	WT_veg	OK	65,2018	191,886	1,55727	-3,15425	0,00160913	0,0116547	yes
AN4169	ChrII_A_nidulans_FGSC_A4:1886482-1889287	WT_5hasex	WT_veg	OK	27,6907	53,5816	0,952337	-1,96547	0,0493601	0,176017	no
AN4171	ChrII_A_nidulans_FGSC_A4:1875262-1877268	WT_5hasex	WT_veg	OK	139,945	435,467	1,6377	-3,23424	0,00121968	0,00924809	yes
AN4172	ChrII_A_nidulans_FGSC_A4:1873680-1874893	WT_5hasex	WT_veg	OK	129,552	62,0876	-1,06115	2,1616	0,0306489	0,123325	no
AN4173	ChrII_A_nidulans_FGSC_A4:1869822-1871473	WT_5hasex	WT_veg	OK	4,92513	1,8256	-1,43179	1,69701	0,089695	0,268583	no
AN4174	ChrII_A_nidulans_FGSC_A4:1867077-1868476	WT_5hasex	WT_veg	OK	138,081	285,856	1,04977	-2,12424	0,0336504	0,132633	no
AN4175	ChrII_A_nidulans_FGSC_A4:1862259-1865581	WT_5hasex	WT_veg	OK	10,9501	21,8634	0,99757	-1,87236	0,0611568	0,204893	no
AN4176	ChrII_A_nidulans_FGSC_A4:1860165-1861943	WT_5hasex	WT_veg	OK	1,74184	5,18536	1,57383	-2,06383	0,0390335	0,148158	no
AN4177	ChrII_A_nidulans_FGSC_A4:1858340-1859659	WT_5hasex	WT_veg	OK	2,32897	9,77939	2,07005	-2,71799	0,0065679	0,0372359	yes
AN4180	ChrII_A_nidulans_FGSC_A4:1850398-1852196	WT_5hasex	WT_veg	OK	9,88233	22,1533	1,1646	-1,85889	0,0630428	0,209168	no
AN4181	ChrII_A_nidulans_FGSC_A4:1848353-1850053	WT_5hasex	WT_veg	OK	5,39106	12,8108	1,24872	-1,84294	0,0653384	0,214676	no
AN4185	ChrII_A_nidulans_FGSC_A4:1831059-1833158	WT_5hasex	WT_veg	OK	5,32434	7,03179	0,40129	-0,631176	0,527926	0,768134	no
AN4187	ChrII_A_nidulans_FGSC_A4:1823030-1830133	WT_5hasex	WT_veg	OK	26,1261	68,7875	1,39666	-2,90585	0,00366257	0,0230986	yes
AN4188	ChrII_A_nidulans_FGSC_A4:1818025-1820968	WT_5hasex	WT_veg	OK	25,7912	31,765	0,300556	-0,622171	0,533829	0,772203	no
AN4190	ChrII_A_nidulans_FGSC_A4:1810836-1811589	WT_5hasex	WT_veg	OK	2522,15	3046,93	0,272706	-0,452372	0,651001	0,842211	no
AN4191	ChrII_A_nidulans_FGSC_A4:1808443-1809151	WT_5hasex	WT_veg	OK	7,1974	48,2651	2,74543	-3,98325	6,7978E-05	0,00078325	yes
AN4192	ChrII_A_nidulans_FGSC_A4:1805300-1807311	WT_5hasex	WT_veg	OK	38,6067	152,843	1,98513	-4,14844	3,3475E-05	0,00042192	yes
AN4193	ChrII_A_nidulans_FGSC_A4:1802045-1804510	WT_5hasex	WT_veg	OK	38,9673	54,9053	0,494682	-0,992222	0,321089	0,597441	no
AN4195	ChrII_A_nidulans_FGSC_A4:1792084-1794454	WT_5hasex	WT_veg	OK	15,2292	33,5308	1,13865	-2,00361	0,045112	0,164881	no
AN4196	ChrII_A_nidulans_FGSC_A4:1790205-1791945	WT_5hasex	WT_veg	OK	22,2939	63,9525	1,52035	-2,71689	0,00658981	0,0373278	yes
AN4197	ChrII_A_nidulans_FGSC_A4:1786822-1789111	WT_5hasex	WT_veg	OK	83,7218	226,797	1,43772	-2,75369	0,00589278	0,0339856	yes
AN4198	ChrII_A_nidulans_FGSC_A4:1784860-1786481	WT_5hasex	WT_veg	OK	5,48756	33,9568	2,62946	-3,97979	6,8977E-05	0,00079406	yes
AN4199	ChrII_A_nidulans_FGSC_A4:1777899-1779000	WT_5hasex	WT_veg	OK	6,70276	27,7546	2,0499	-3,05613	0,00224217	0,0153664	yes
AN4201	ChrII_A_nidulans_FGSC_A4:1766439-1768519	WT_5hasex	WT_veg	OK	43,6107	36,305	-0,264516	0,54216	0,587708	0,805755	no
AN4203	ChrII_A_nidulans_FGSC_A4:1760219-1761282	WT_5hasex	WT_veg	OK	3,05548	3,56756	0,223541	-0,256746	0,797375	0,918068	no
AN4206	ChrII_A_nidulans_FGSC_A4:1749580-1751647	WT_5hasex	WT_veg	OK	315,914	329,897	0,0624856	-0,11132	0,911363	0,966468	no
AN4207	ChrII_A_nidulans_FGSC_A4:1746175-1749251	WT_5hasex	WT_veg	OK	42,233	69,1397	0,711142	-1,46694	0,142393	0,366523	no
AN4208	ChrII_A_nidulans_FGSC_A4:1741507-1745606	WT_5hasex	WT_veg	OK	65,1003	271,357	2,05946	-4,09421	4,236E-05	0,00051888	yes
AN4209	ChrII_A_nidulans_FGSC_A4:1741507-1745606	WT_5hasex	WT_veg	OK	99,3441	103,206	0,0550149	-0,111092	0,911544	0,966468	no
AN4210	ChrII_A_nidulans_FGSC_A4:1736140-1740843	WT_5hasex	WT_veg	OK	26,6737	57,7347	1,11402	-2,22453	0,0261125	0,109145	no
AN4212	ChrII_A_nidulans_FGSC_A4:1727477-1729427	WT_5hasex	WT_veg	OK	21,5595	16,0778	-0,423257	0,789511	0,429813	0,696403	no
AN4213	ChrII_A_nidulans_FGSC_A4:1724714-1725999	WT_5hasex	WT_veg	OK	30,8168	18,8242	-0,711126	1,30843	0,190727	0,441607	no
AN4215	ChrII_A_nidulans_FGSC_A4:1719976-1720611	WT_5hasex	WT_veg	OK	304,17	711,124	1,22522	-2,51307	0,0119686	0,06004	no
AN4216	ChrII_A_nidulans_FGSC_A4:1718510-1719878	WT_5hasex	WT_veg	OK	178,246	197,471	0,147778	-0,277756	0,781199	0,910773	no
AN4217	ChrII_A_nidulans_FGSC_A4:1716924-1718109	WT_5hasex	WT_veg	OK	26,119	34,5176	0,402233	-0,753484	0,451159	0,713075	no

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AN4218	ChrII_A_nidulans_FGSC_A4:1711351-1713138	WT_5hasex	WT_veg	OK	2929,07	6918,21	1,23995	-1,39548	0,162872	0,399458	no
AN4219	ChrII_A_nidulans_FGSC_A4:1709796-1710366	WT_5hasex	WT_veg	OK	10,6742	26,3311	1,30264	-1,80831	0,0705588	0,226924	no
AN4220	ChrII_A_nidulans_FGSC_A4:1708492-1709129	WT_5hasex	WT_veg	OK	189,391	372,208	0,97474	-2,01908	0,0434791	0,160382	no
AN4222	ChrII_A_nidulans_FGSC_A4:1700123-1701139	WT_5hasex	WT_veg	OK	1423,33	1809,06	0,345967	-0,59645	0,550874	0,782638	no
AN4223	ChrII_A_nidulans_FGSC_A4:1691766-1698268	WT_5hasex	WT_veg	OK	27,314	46,8421	0,778165	-1,47838	0,139307	0,361338	no
AN4224	ChrII_A_nidulans_FGSC_A4:1689778-1691406	WT_5hasex	WT_veg	OK	181,652	487,447	1,42407	-2,85314	0,00432899	0,0264898	yes
AN4226	ChrII_A_nidulans_FGSC_A4:1684327-1685840	WT_5hasex	WT_veg	OK	18,8741	87,663	2,21556	-4,10496	4,0438E-05	0,00049778	yes
AN4227	ChrII_A_nidulans_FGSC_A4:1682958-1684196	WT_5hasex	WT_veg	OK	24,6698	56,3445	1,19153	-2,19606	0,0280876	0,115249	no
AN4228	ChrII_A_nidulans_FGSC_A4:1681006-1682494	WT_5hasex	WT_veg	OK	6,54595	7,617	0,218621	-0,325727	0,744631	0,892644	no
AN4229	ChrII_A_nidulans_FGSC_A4:1678593-1680803	WT_5hasex	WT_veg	OK	6,74859	25,6466	1,92611	-3,26235	0,00110492	0,00852979	yes
AN4230	ChrII_A_nidulans_FGSC_A4:1676485-1678158	WT_5hasex	WT_veg	OK	13,3926	33,0908	1,305	-2,28991	0,0220266	0,0958669	no
AN4231	ChrII_A_nidulans_FGSC_A4:1675254-1676112	WT_5hasex	WT_veg	OK	140,047	282,404	1,01185	-2,09014	0,0366052	0,14124	no
AN4232	ChrII_A_nidulans_FGSC_A4:1673498-1675198	WT_5hasex	WT_veg	OK	18,2171	91,9317	2,33526	-4,2609	2,0361E-05	0,0002707	yes
AN4233	ChrII_A_nidulans_FGSC_A4:1671844-1673305	WT_5hasex	WT_veg	OK	18,2222	92,1568	2,33839	-4,26393	2,0087E-05	0,00026729	yes
AN4235	ChrII_A_nidulans_FGSC_A4:1667821-1668995	WT_5hasex	WT_veg	OK	34,2267	45,4707	0,409817	-0,770933	0,440747	0,704933	no
AN4236	ChrII_A_nidulans_FGSC_A4:1660743-1662512	WT_5hasex	WT_veg	OK	203,36	374,796	0,882068	-1,75592	0,0791028	0,245827	no
AN4237	ChrII_A_nidulans_FGSC_A4:1656925-1659345	WT_5hasex	WT_veg	OK	19,2292	16,864	-0,189347	0,379688	0,704177	0,871873	no
AN4239	ChrII_A_nidulans_FGSC_A4:1645933-1647881	WT_5hasex	WT_veg	OK	73,7169	253,039	1,77929	-3,30218	0,00095937	0,00758954	yes
AN4241	ChrII_A_nidulans_FGSC_A4:1641526-1643386	WT_5hasex	WT_veg	OK	7,608	24,3063	1,67574	-2,76465	0,00569832	0,0331009	yes
AN4243	ChrII_A_nidulans_FGSC_A4:1637306-1639090	WT_5hasex	WT_veg	OK	3,0373	7,99153	1,39568	-1,96495	0,0494204	0,176172	no
AN4244	ChrII_A_nidulans_FGSC_A4:1635989-1636686	WT_5hasex	WT_veg	OK	30,6139	54,1463	0,822673	-1,44804	0,147605	0,375223	no
AN4245	ChrII_A_nidulans_FGSC_A4:1632623-1635533	WT_5hasex	WT_veg	OK	12,4559	9,60034	-0,375669	0,684542	0,493633	0,745199	no
AN4246	ChrII_A_nidulans_FGSC_A4:1630180-1631998	WT_5hasex	WT_veg	OK	7,02413	21,3241	1,6021	-2,406	0,016128	0,0756821	no
AN4247	ChrII_A_nidulans_FGSC_A4:1626907-1629418	WT_5hasex	WT_veg	OK	34,3908	83,9675	1,28781	-2,67982	0,0073661	0,0407828	yes
AN4248	ChrII_A_nidulans_FGSC_A4:1623126-1625574	WT_5hasex	WT_veg	OK	13,5813	31,7412	1,22473	-1,95793	0,0502384	0,178143	no
AN4249	ChrII_A_nidulans_FGSC_A4:1623126-1625574	WT_5hasex	WT_veg	OK	58,3078	194,998	1,7417	-3,59738	0,00032144	0,00298705	yes
AN4250	ChrII_A_nidulans_FGSC_A4:1615413-1618158	WT_5hasex	WT_veg	OK	43,2425	52,5038	0,279971	-0,562927	0,573485	0,7971	no
AN4251	ChrII_A_nidulans_FGSC_A4:1615413-1618158	WT_5hasex	WT_veg	OK	63,1562	152,464	1,27147	-2,58083	0,00985632	0,0514946	no
AN4252	ChrII_A_nidulans_FGSC_A4:1612280-1613308	WT_5hasex	WT_veg	OK	1833,19	8095,18	2,14271	-2,96699	0,0030073	0,0195835	yes
AN4253	ChrII_A_nidulans_FGSC_A4:1610062-1611396	WT_5hasex	WT_veg	OK	61,4337	183,874	1,58161	-3,16601	0,00154548	0,0112653	yes
AN4254	ChrII_A_nidulans_FGSC_A4:1608948-1609844	WT_5hasex	WT_veg	OK	9,03548	13,9241	0,623907	-0,904054	0,365967	0,6408	no
AN4256	ChrII_A_nidulans_FGSC_A4:1604129-1604670	WT_5hasex	WT_veg	OK	15,3143	69,6354	2,18494	-3,11542	0,00183685	0,0129986	yes
AN4257	ChrII_A_nidulans_FGSC_A4:1598920-1600911	WT_5hasex	WT_veg	OK	21,295	28,9377	0,442434	-0,871301	0,38359	0,657319	no
AN4258	ChrII_A_nidulans_FGSC_A4:1596860-1597536	WT_5hasex	WT_veg	OK	197,599	280,384	0,504828	-1,03142	0,302346	0,578094	no
AN4259	ChrII_A_nidulans_FGSC_A4:1595242-1596785	WT_5hasex	WT_veg	OK	80,3094	166,626	1,05297	-2,17354	0,0297398	0,120575	no
AN4260	ChrII_A_nidulans_FGSC_A4:1594183-1595066	WT_5hasex	WT_veg	OK	279,46	485,737	0,797536	-1,6029	0,108957	0,307444	no
AN4261	ChrII_A_nidulans_FGSC_A4:1593111-1593747	WT_5hasex	WT_veg	OK	18,8399	36,1739	0,941158	-1,51783	0,129058	0,343679	no
AN4264	ChrII_A_nidulans_FGSC_A4:1580068-1581939	WT_5hasex	WT_veg	OK	269,34	735,747	1,44978	-2,28876	0,0220931	0,096021	no
AN4265	ChrII_A_nidulans_FGSC_A4:1576693-1579685	WT_5hasex	WT_veg	OK	36,1092	89,429	1,30838	-2,66211	0,00776533	0,0425658	yes
AN4266	ChrII_A_nidulans_FGSC_A4:1572883-1576057	WT_5hasex	WT_veg	OK	16,2027	41,4983	1,35682	-2,65674	0,00789003	0,0430995	yes
AN4267	ChrII_A_nidulans_FGSC_A4:1566187-1570713	WT_5hasex	WT_veg	OK	31,2902	79,2801	1,34125	-2,71067	0,00671472	0,0378879	yes
AN4268	ChrII_A_nidulans_FGSC_A4:1566187-1570713	WT_5hasex	WT_veg	OK	14,7469	38,8885	1,39893	-2,49978	0,0124271	0,0618244	no
AN4269	ChrII_A_nidulans_FGSC_A4:1564451-1565568	WT_5hasex	WT_veg	OK	85,125	202,272	1,24864	-2,37146	0,0177179	0,081194	no
AN4270	ChrII_A_nidulans_FGSC_A4:1559164-1563901	WT_5hasex	WT_veg	OK	19,2935	29,5919	0,617088	-1,28794	0,197767	0,451506	no
AN4271	ChrII_A_nidulans_FGSC_A4:1556771-1558745	WT_5hasex	WT_veg	OK	20,427	47,5134	1,21786	-2,36028	0,0182613	0,0830379	no
AN4272	ChrII_A_nidulans_FGSC_A4:1552841-1556294	WT_5hasex	WT_veg	OK	21,5591	50,0677	1,21558	-2,43275	0,0149846	0,0714683	no
AN4273	ChrII_A_nidulans_FGSC_A4:1550123-1552395	WT_5hasex	WT_veg	OK	92,8408	191,794	1,04672	-2,11448	0,0344744	0,135159	no
AN4274	ChrII_A_nidulans_FGSC_A4:1545578-1549162	WT_5hasex	WT_veg	OK	26,19	38,1857	0,544017	-1,10548	0,268951	0,540774	no
AN4275	ChrII_A_nidulans_FGSC_A4:1540820-1541379	WT_5hasex	WT_veg	OK	11,253	26,2636	1,22275	-1,6031	0,108912	0,307385	no
AN4276	ChrII_A_nidulans_FGSC_A4:1536846-1539557	WT_5hasex	WT_veg	OK	32,7589	24,243	-0,434316	0,872628	0,382866	0,656768	no
AN4277	ChrII_A_nidulans_FGSC_A4:1533873-1536067	WT_5hasex	WT_veg	OK	4,8081	48,3204	3,32909	-4,713	2,441E-06	4,0892E-05	yes
AN4278	ChrII_A_nidulans_FGSC_A4:1526930-1533440	WT_5hasex	WT_veg	OK	18,2746	41,5731	1,18581	-2,44154	0,0146247	0,0701475	no
AN4280	ChrII_A_nidulans_FGSC_A4:1522721-1523855	WT_5hasex	WT_veg	OK	130,313	184,801	0,503993	-1,03982	0,298424	0,573787	no

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AN4282	ChrII_A_nidulans_FGSC_A4:1516452-1519995	WT_5hasex	WT_veg	OK	146,734	239,125	0,704563	-1,31886	0,187215	0,43668	no
AN4283	ChrII_A_nidulans_FGSC_A4:1514521-1516257	WT_5hasex	WT_veg	OK	45,9568	35,992	-0,352603	0,704539	0,481097	0,735941	no
AN4284	ChrII_A_nidulans_FGSC_A4:1513155-1514214	WT_5hasex	WT_veg	OK	29,5249	41,9078	0,505285	-0,934771	0,349906	0,62541	no
AN4285	ChrII_A_nidulans_FGSC_A4:1509478-1512531	WT_5hasex	WT_veg	OK	6,58639	10,2358	0,636067	-1,06234	0,28808	0,562506	no
AN4286	ChrII_A_nidulans_FGSC_A4:1505984-1509087	WT_5hasex	WT_veg	OK	7,47221	10,1874	0,447185	-0,769301	0,441715	0,705779	no
AN4287	ChrII_A_nidulans_FGSC_A4:1503513-1505180	WT_5hasex	WT_veg	OK	29,9212	30,5134	0,0282768	-0,0557196	0,955565	0,983512	no
AN4288	ChrII_A_nidulans_FGSC_A4:1499875-1502651	WT_5hasex	WT_veg	OK	192,878	430,742	1,15914	-2,2276	0,0259073	0,108478	no
AN4289	ChrII_A_nidulans_FGSC_A4:1466654-1471364	WT_5hasex	WT_veg	OK	14,4686	33,7528	1,22208	-2,52174	0,0116777	0,0588796	no
AN4290	ChrIII_A_nidulans_FGSC_A4:2483349-2484927	WT_5hasex	WT_veg	OK	61,7606	165,755	1,4243	-2,95084	0,00316915	0,0204574	yes
AN4291	ChrIII_A_nidulans_FGSC_A4:2482058-2482638	WT_5hasex	WT_veg	OK	26,9212	64,8087	1,26745	-2,08163	0,0373762	0,143479	no
AN4292	ChrIII_A_nidulans_FGSC_A4:2480269-2481154	WT_5hasex	WT_veg	OK	372,3	710,069	0,931494	-1,87208	0,0611957	0,204985	no
AN4294	ChrIII_A_nidulans_FGSC_A4:2473923-2475274	WT_5hasex	WT_veg	OK	71,8956	96,5597	0,425518	-0,855442	0,392307	0,665684	no
AN4295	ChrIII_A_nidulans_FGSC_A4:2468946-2470105	WT_5hasex	WT_veg	OK	515,124	2114,49	2,03732	-3,19141	0,00141581	0,0104613	yes
AN4297	ChrIII_A_nidulans_FGSC_A4:2467714-2468625	WT_5hasex	WT_veg	OK	341,047	767,053	1,16935	-2,35092	0,0187273	0,0846207	no
AN4298	ChrIII_A_nidulans_FGSC_A4:2465054-2467233	WT_5hasex	WT_veg	OK	18,366	163,311	3,15251	-6,20089	5,6145E-10	2,0763E-08	yes
AN4299	ChrIII_A_nidulans_FGSC_A4:2462754-2463509	WT_5hasex	WT_veg	OK	2368,66	9510,63	2,00547	-3,05967	0,00221583	0,015218	yes
AN4300	ChrIII_A_nidulans_FGSC_A4:2461665-2462499	WT_5hasex	WT_veg	OK	302,449	535,04	0,822953	-1,67819	0,0933099	0,275829	no
AN4301	ChrIII_A_nidulans_FGSC_A4:2460368-2461213	WT_5hasex	WT_veg	OK	109,778	231,221	1,07469	-2,20077	0,0277523	0,114159	no
AN4302	ChrIII_A_nidulans_FGSC_A4:2455785-2456892	WT_5hasex	WT_veg	OK	38,1939	24,0372	-0,668073	1,26092	0,207337	0,464509	no
AN4303	ChrIII_A_nidulans_FGSC_A4:2452746-2455082	WT_5hasex	WT_veg	OK	66,5598	51,8639	-0,359921	0,722443	0,470022	0,728025	no
AN4304	ChrIII_A_nidulans_FGSC_A4:2452746-2455082	WT_5hasex	WT_veg	OK	141,97	237,405	0,741764	-1,50145	0,133239	0,351136	no
AN4305	ChrIII_A_nidulans_FGSC_A4:2451750-2452479	WT_5hasex	WT_veg	OK	40,6769	107,607	1,40349	-2,63885	0,0083187	0,0449584	yes
AN4306	ChrIII_A_nidulans_FGSC_A4:2447572-2449792	WT_5hasex	WT_veg	OK	18,227	19,8657	0,124204	-0,245568	0,806017	0,922223	no
AN4307	ChrIII_A_nidulans_FGSC_A4:2445634-2446243	WT_5hasex	WT_veg	OK	80,2006	126,577	0,658327	-1,28554	0,198605	0,45255	no
AN4308	ChrIII_A_nidulans_FGSC_A4:2444412-2445456	WT_5hasex	WT_veg	OK	114,271	344,019	1,59003	-3,24149	0,00118907	0,00906056	yes
AN4309	ChrIII_A_nidulans_FGSC_A4:2443091-2443893	WT_5hasex	WT_veg	OK	52,7866	153,893	1,54368	-2,8851	0,0039129	0,0243491	yes
AN4310	ChrIII_A_nidulans_FGSC_A4:2439045-2442605	WT_5hasex	WT_veg	OK	50,6552	86,7167	0,775601	-1,58164	0,113732	0,316107	no
AN4311	ChrIII_A_nidulans_FGSC_A4:2435787-2437029	WT_5hasex	WT_veg	OK	28,9573	90,8665	1,64982	-3,23854	0,00120143	0,00912936	yes
AN4312	ChrIII_A_nidulans_FGSC_A4:2431271-2433778	WT_5hasex	WT_veg	OK	60,2204	113,089	0,909138	-1,90752	0,056453	0,193438	no
AN4313	ChrIII_A_nidulans_FGSC_A4:2427350-2429258	WT_5hasex	WT_veg	OK	15,0469	134,165	3,15647	-5,89529	3,7403E-09	1,18E-07	yes
AN4314	ChrIII_A_nidulans_FGSC_A4:2423232-2426414	WT_5hasex	WT_veg	OK	23,6509	75,3885	1,67245	-3,36747	0,00075862	0,00619983	yes
AN4315	ChrIII_A_nidulans_FGSC_A4:2417109-2419870	WT_5hasex	WT_veg	OK	82,1299	158,02	0,944125	-1,92794	0,0538627	0,18702	no
AN4316	ChrIII_A_nidulans_FGSC_A4:2415411-2417062	WT_5hasex	WT_veg	OK	16,6747	15,018	-0,150965	0,273309	0,784615	0,912305	no
AN4318	ChrIII_A_nidulans_FGSC_A4:2409732-2411180	WT_5hasex	WT_veg	OK	26,2629	35,287	0,42611	-0,813449	0,415961	0,68495	no
AN4319	ChrIII_A_nidulans_FGSC_A4:2408342-2409054	WT_5hasex	WT_veg	OK	4,86757	13,1319	1,4318	-1,8012	0,0716716	0,229288	no
AN4320	ChrIII_A_nidulans_FGSC_A4:2405584-2407576	WT_5hasex	WT_veg	OK	21,6035	26,6718	0,304046	-0,59085	0,554621	0,784921	no
AN4322	ChrIII_A_nidulans_FGSC_A4:2397073-2399834	WT_5hasex	WT_veg	OK	12,3513	15,0178	0,282015	-0,545964	0,585091	0,804321	no
AN4323	ChrIII_A_nidulans_FGSC_A4:2394594-2396585	WT_5hasex	WT_veg	OK	125,58	99,2333	-0,339709	0,601784	0,547318	0,78055	no
AN4324	ChrIII_A_nidulans_FGSC_A4:2387354-2388252	WT_5hasex	WT_veg	OK	90,94	325,837	1,84116	-3,4172	0,0006327	0,00532093	yes
AN4325	ChrIII_A_nidulans_FGSC_A4:2383901-2385235	WT_5hasex	WT_veg	NOTEST	0,810257	3,16005	1,9635	-1,2845	0,198968	1	no
AN4328	ChrIII_A_nidulans_FGSC_A4:2373032-2375437	WT_5hasex	WT_veg	OK	47,3576	47,5219	0,00499408	-0,0102147	0,99185	0,997159	no
AN4329	ChrIII_A_nidulans_FGSC_A4:2370612-2371223	WT_5hasex	WT_veg	OK	152,593	227,799	0,578073	-1,14326	0,252931	0,522011	no
AN4330	ChrIII_A_nidulans_FGSC_A4:2368143-2370432	WT_5hasex	WT_veg	OK	11,5139	80,8642	2,81213	-5,21758	1,8128E-07	3,9745E-06	yes
AN4331	ChrIII_A_nidulans_FGSC_A4:2366581-2367977	WT_5hasex	WT_veg	OK	10,8937	14,0624	0,368343	-0,618485	0,536256	0,773255	no
AN4333	ChrIII_A_nidulans_FGSC_A4:2362429-2363627	WT_5hasex	WT_veg	OK	16,9837	16,8727	-0,00945424	0,016387	0,986926	0,9953	no
AN4335	ChrIII_A_nidulans_FGSC_A4:2354788-2356222	WT_5hasex	WT_veg	OK	16,2562	36,5465	1,16874	-2,04147	0,0412043	0,154096	no
AN4337	ChrIII_A_nidulans_FGSC_A4:2349938-2351080	WT_5hasex	WT_veg	NOTEST	0,434954	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN4338	ChrIII_A_nidulans_FGSC_A4:2347730-2348632	WT_5hasex	WT_veg	OK	11,9713	49,7634	2,0555	-2,74738	0,00600727	0,0345319	yes
AN4339	ChrIII_A_nidulans_FGSC_A4:2342874-2345262	WT_5hasex	WT_veg	OK	8,55913	34,4852	2,01044	-3,25861	0,0011196	0,00862653	yes
AN4340	ChrIII_A_nidulans_FGSC_A4:2341606-2342476	WT_5hasex	WT_veg	OK	187,186	785,191	2,06857	-4,30573	1,6643E-05	0,00022772	yes
AN4341	ChrIII_A_nidulans_FGSC_A4:2340404-2341478	WT_5hasex	WT_veg	OK	21,9876	51,2315	1,22034	-2,20921	0,0271602	0,112315	no
AN4342	ChrIII_A_nidulans_FGSC_A4:2339355-2340081	WT_5hasex	WT_veg	OK	27,832	73,5617	1,40221	-2,43	0,0150987	0,0719015	no
AN4343	ChrIII_A_nidulans_FGSC_A4:2336505-2338423	WT_5hasex	WT_veg	OK	1,44223	5,89708	2,0317	-2,49869	0,0124653	0,0620033	no

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AN4345	ChrIII_A_nidulans_FGSC_A4:2329874-2331916	WT_5hasex	WT_veg	OK	2,2532	8,69351	1,94797	-2,60515	0,00918352	0,0486936	yes
AN4346	ChrIII_A_nidulans_FGSC_A4:2327994-2329454	WT_5hasex	WT_veg	OK	22,1597	117,709	2,40921	-4,48076	7,4378E-06	0,00011054	yes
AN4347	ChrIII_A_nidulans_FGSC_A4:2327161-2327842	WT_5hasex	WT_veg	OK	47,2678	82,1937	0,798169	-1,45474	0,145742	0,372181	no
AN4348	ChrIII_A_nidulans_FGSC_A4:2324821-2325664	WT_5hasex	WT_veg	OK	12,5924	26,0368	1,048	-1,65075	0,098789	0,286848	no
AN4349	ChrIII_A_nidulans_FGSC_A4:2318877-2322407	WT_5hasex	WT_veg	OK	10,28	16,113	0,648387	-1,23188	0,217996	0,478508	no
AN4352	ChrIII_A_nidulans_FGSC_A4:2305263-2306923	WT_5hasex	WT_veg	OK	56,2791	51,8497	-0,118263	0,235231	0,814029	0,925469	no
AN4353	ChrIII_A_nidulans_FGSC_A4:2302404-2303936	WT_5hasex	WT_veg	OK	20,6363	35,7683	0,793498	-1,45719	0,145065	0,371031	no
AN4354	ChrIII_A_nidulans_FGSC_A4:2300307-2301206	WT_5hasex	WT_veg	OK	5,75157	10,7989	0,908854	-1,21127	0,225791	0,488471	no
AN4355	ChrIII_A_nidulans_FGSC_A4:2297774-2298724	WT_5hasex	WT_veg	OK	16,2956	37,2779	1,19384	-2,00554	0,0449054	0,164302	no
AN4357	ChrIII_A_nidulans_FGSC_A4:2292531-2293815	WT_5hasex	WT_veg	OK	4,59593	2,80887	-0,710368	0,769063	0,441856	0,705846	no
AN4358	ChrIII_A_nidulans_FGSC_A4:2288013-2289314	WT_5hasex	WT_veg	OK	30,8431	27,1184	-0,18568	0,348626	0,72737	0,884313	no
AN4359	ChrIII_A_nidulans_FGSC_A4:2286047-2287609	WT_5hasex	WT_veg	OK	18,9955	59,6398	1,65062	-3,03381	0,00241487	0,0163409	yes
AN4360	ChrIII_A_nidulans_FGSC_A4:2284207-2285701	WT_5hasex	WT_veg	OK	15,3267	25,2091	0,717896	-1,28467	0,198906	0,452894	no
AN4362	ChrIII_A_nidulans_FGSC_A4:2279702-2280892	WT_5hasex	WT_veg	OK	6,22141	6,29091	0,0160281	-0,0216056	0,982763	0,993894	no
AN4363	ChrIII_A_nidulans_FGSC_A4:2276036-2277642	WT_5hasex	WT_veg	NOTEST	1,80678	1,4253	-0,342153	0,365689	0,714597	1	no
AN4364	ChrIII_A_nidulans_FGSC_A4:2273269-2274538	WT_5hasex	WT_veg	OK	22,5232	39,6848	0,81717	-1,50123	0,133297	0,351218	no
AN4365	ChrIII_A_nidulans_FGSC_A4:2269133-2272345	WT_5hasex	WT_veg	OK	20,3698	51,6957	1,34361	-2,71458	0,00663597	0,0375244	yes
AN4366	ChrIII_A_nidulans_FGSC_A4:2264425-2265589	WT_5hasex	WT_veg	OK	2,21142	5,39643	1,28703	-1,55267	0,120501	0,32852	no
AN4368	ChrIII_A_nidulans_FGSC_A4:2250674-2251332	WT_5hasex	WT_veg	OK	5,3658	8,12069	0,597809	-0,735308	0,462152	0,721825	no
AN4369	ChrIII_A_nidulans_FGSC_A4:2245065-2248611	WT_5hasex	WT_veg	OK	30,3351	28,1184	-0,109477	0,229084	0,818804	0,92747	no
AN4371	ChrIII_A_nidulans_FGSC_A4:2239309-2240467	WT_5hasex	WT_veg	OK	4,45498	7,4975	0,75099	-1,04888	0,294235	0,56899	no
AN4373	ChrIII_A_nidulans_FGSC_A4:2232265-2233623	WT_5hasex	WT_veg	NOTEST	1,34955	2,76328	1,03391	-1,07701	0,281477	1	no
AN4374	ChrIII_A_nidulans_FGSC_A4:2228802-2230641	WT_5hasex	WT_veg	OK	9,66753	26,1375	1,4349	-2,4286	0,0151572	0,0720788	no
AN4375	ChrIII_A_nidulans_FGSC_A4:2225001-2226207	WT_5hasex	WT_veg	OK	12,5148	20,3666	0,702573	-1,16761	0,242965	0,509987	no
AN4377	ChrIII_A_nidulans_FGSC_A4:2214043-2217230	WT_5hasex	WT_veg	OK	14,9092	25,2872	0,762201	-1,51855	0,128875	0,343418	no
AN4378	ChrIII_A_nidulans_FGSC_A4:2209661-2212518	WT_5hasex	WT_veg	OK	5,15617	6,73436	0,38524	-0,635215	0,525288	0,766638	no
AN4379	ChrIII_A_nidulans_FGSC_A4:2207554-2208915	WT_5hasex	WT_veg	OK	762,273	2389,84	1,64853	-2,79324	0,00521836	0,0307803	yes
AN4380	ChrIII_A_nidulans_FGSC_A4:2203510-2206162	WT_5hasex	WT_veg	OK	69,7729	159,915	1,19657	-2,46798	0,0135877	0,0662529	no
AN4381	ChrIII_A_nidulans_FGSC_A4:2202016-2202823	WT_5hasex	WT_veg	OK	285,177	568,504	0,995312	-2,04646	0,0407115	0,152754	no
AN4382	ChrIII_A_nidulans_FGSC_A4:2200594-2201395	WT_5hasex	WT_veg	OK	84,5697	134,397	0,668291	-1,30512	0,191852	0,443091	no
AN4383	ChrIII_A_nidulans_FGSC_A4:2198279-2199755	WT_5hasex	WT_veg	OK	16,4444	40,7095	1,30777	-2,36497	0,0180314	0,0822638	no
AN4384	ChrIII_A_nidulans_FGSC_A4:2196512-2197760	WT_5hasex	WT_veg	OK	37,7934	41,8643	0,147586	-0,293109	0,769439	0,905419	no
AN4386	ChrIII_A_nidulans_FGSC_A4:2188396-2190664	WT_5hasex	WT_veg	OK	21,6712	65,2287	1,58973	-3,2041	0,00135486	0,0100995	yes
AN4387	ChrIII_A_nidulans_FGSC_A4:2184500-2185802	WT_5hasex	WT_veg	OK	37,0173	67,4266	0,865119	-1,72348	0,0848011	0,258312	no
AN4388	ChrIII_A_nidulans_FGSC_A4:2182828-2183701	WT_5hasex	WT_veg	OK	528,982	651,948	0,301538	-0,603833	0,545955	0,779595	no
AN4389	ChrIII_A_nidulans_FGSC_A4:2181081-2182457	WT_5hasex	WT_veg	OK	20,1421	52,4682	1,38123	-2,52022	0,0117282	0,0590659	no
AN4391	ChrIII_A_nidulans_FGSC_A4:2174007-2175672	WT_5hasex	WT_veg	OK	13,752	23,2512	0,757668	-1,37894	0,167914	0,407589	no
AN4392	ChrIII_A_nidulans_FGSC_A4:2171174-2172513	WT_5hasex	WT_veg	OK	0,636518	23,7142	5,21941	-3,86233	0,00011231	0,00121493	yes
AN4393	ChrIII_A_nidulans_FGSC_A4:2168894-2169565	WT_5hasex	WT_veg	NOTEST	0	2,5978	1.79769e+308	1.79769e+308	0,0716995	1	no
AN4394	ChrIII_A_nidulans_FGSC_A4:2165982-2167145	WT_5hasex	WT_veg	OK	66,1166	143,457	1,11753	-1,94487	0,0517903	0,181934	no
AN4395	ChrIII_A_nidulans_FGSC_A4:2162288-2164824	WT_5hasex	WT_veg	OK	120,983	243,437	1,00874	-2,01922	0,0434643	0,160362	no
AN4396	ChrIII_A_nidulans_FGSC_A4:2161248-2161990	WT_5hasex	WT_veg	OK	65,5967	201,498	1,61907	-2,99261	0,00276599	0,0182641	yes
AN4398	ChrIII_A_nidulans_FGSC_A4:2156794-2159124	WT_5hasex	WT_veg	OK	29,1856	85,538	1,55131	-3,18514	0,00144683	0,0106559	yes
AN4399	ChrIII_A_nidulans_FGSC_A4:2155137-2156209	WT_5hasex	WT_veg	OK	77,1164	124,125	0,686689	-1,39421	0,163255	0,400136	no
AN4401	ChrIII_A_nidulans_FGSC_A4:2151537-2154300	WT_5hasex	WT_veg	OK	102,491	220,295	1,10394	-2,19654	0,0280535	0,115172	no
AN4402	ChrIII_A_nidulans_FGSC_A4:2149507-2151088	WT_5hasex	WT_veg	OK	804,641	1314,84	0,70847	-1,27802	0,201243	0,45634	no
AN4403	ChrIII_A_nidulans_FGSC_A4:2148254-2149336	WT_5hasex	WT_veg	OK	36,3333	89,6914	1,30368	-2,5609	0,0104402	0,0539004	no
AN4404	ChrIII_A_nidulans_FGSC_A4:2145888-2147677	WT_5hasex	WT_veg	OK	135,611	294,928	1,12089	-2,28374	0,022387	0,0969602	no
AN4405	ChrIII_A_nidulans_FGSC_A4:2144061-2145715	WT_5hasex	WT_veg	OK	28,6455	36,3796	0,344821	-0,690289	0,490012	0,742643	no
AN4406	ChrIII_A_nidulans_FGSC_A4:2142026-2143394	WT_5hasex	WT_veg	OK	91,6434	278,892	1,6056	-3,18737	0,00143572	0,0105845	yes
AN4408	ChrIII_A_nidulans_FGSC_A4:2133722-2136839	WT_5hasex	WT_veg	OK	67,4419	120,796	0,840854	-1,68188	0,0925922	0,274475	no
AN4410	ChrIII_A_nidulans_FGSC_A4:2130474-2131493	WT_5hasex	WT_veg	OK	14,9248	20,5693	0,462778	-0,77503	0,438322	0,702962	no
AN4411	ChrIII_A_nidulans_FGSC_A4:2128393-2129641	WT_5hasex	WT_veg	OK	57,8436	174,67	1,59441	-3,2732	0,00106339	0,00825902	yes

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AN4414	ChrIII_A_nidulans_FGSC_A4:2117487-2118807	WT_5hasex	WT_veg	OK	60,5351	59,4146	-0,0269526	0,054932	0,956193	0,983752	no
AN4415	ChrIII_A_nidulans_FGSC_A4:2116382-2117249	WT_5hasex	WT_veg	OK	50,1702	78,3459	0,643026	-1,22477	0,220663	0,482157	no
AN4416	ChrIII_A_nidulans_FGSC_A4:2115193-2116081	WT_5hasex	WT_veg	OK	130,386	302,535	1,21431	-2,51844	0,0117876	0,0592966	no
AN4418	ChrIII_A_nidulans_FGSC_A4:2109585-2111762	WT_5hasex	WT_veg	OK	21,4217	42,4948	0,988215	-1,93975	0,0524102	0,183373	no
AN4419	ChrIII_A_nidulans_FGSC_A4:2103279-2104525	WT_5hasex	WT_veg	OK	17,7431	19,965	0,170213	-0,293757	0,768943	0,905213	no
AN4421	ChrIII_A_nidulans_FGSC_A4:2094138-2095518	WT_5hasex	WT_veg	OK	11,9975	49,5125	2,04505	-3,35662	0,00078902	0,00641715	yes
AN4422	ChrIII_A_nidulans_FGSC_A4:2092233-2094009	WT_5hasex	WT_veg	OK	91,685	104,632	0,190567	-0,375101	0,707585	0,873678	no
AN4423	ChrIII_A_nidulans_FGSC_A4:2089605-2090826	WT_5hasex	WT_veg	OK	185,157	556,794	1,58839	-2,92719	0,00342042	0,0218422	yes
AN4424	ChrIII_A_nidulans_FGSC_A4:2085260-2086972	WT_5hasex	WT_veg	OK	11,9197	33,7005	1,49942	-2,53846	0,0111341	0,0566894	no
AN4425	ChrIII_A_nidulans_FGSC_A4:2082987-2084155	WT_5hasex	WT_veg	OK	32,7403	61,1043	0,900205	-1,70899	0,0874531	0,263909	no
AN4426	ChrIII_A_nidulans_FGSC_A4:2081186-2082055	WT_5hasex	WT_veg	OK	3,73452	16,1025	2,10829	-2,73568	0,00622516	0,0355972	yes
AN4427	ChrIII_A_nidulans_FGSC_A4:2078792-2080528	WT_5hasex	WT_veg	OK	6,4865	14,3598	1,14653	-1,72467	0,0845863	0,257868	no
AN4428	ChrIII_A_nidulans_FGSC_A4:2076085-2078154	WT_5hasex	WT_veg	OK	18,9304	26,9814	0,511263	-0,968025	0,333032	0,609426	no
AN4429	ChrIII_A_nidulans_FGSC_A4:2072786-2075547	WT_5hasex	WT_veg	NOTEST	1,96013	3,56723	0,863853	-1,16659	0,243374	1	no
AN4430	ChrIII_A_nidulans_FGSC_A4:2070866-2071944	WT_5hasex	WT_veg	OK	152,357	306,697	1,00936	-1,96241	0,0497148	0,176836	no
AN4431	ChrIII_A_nidulans_FGSC_A4:2068158-2070366	WT_5hasex	WT_veg	OK	18,5167	51,5933	1,47836	-2,82497	0,00472843	0,028451	yes
AN4433	ChrIII_A_nidulans_FGSC_A4:2063346-2065921	WT_5hasex	WT_veg	OK	12,0106	25,3964	1,08031	-2,04585	0,0407714	0,152891	no
AN4434	ChrIII_A_nidulans_FGSC_A4:2061897-2063020	WT_5hasex	WT_veg	OK	65,3019	125,535	0,942889	-1,90125	0,0572689	0,195381	no
AN4435	ChrIII_A_nidulans_FGSC_A4:2058007-2061137	WT_5hasex	WT_veg	OK	10,4132	13,5202	0,376695	-0,70305	0,482025	0,73676	no
AN4438	ChrIII_A_nidulans_FGSC_A4:2045360-2047529	WT_5hasex	WT_veg	OK	418,658	252,456	-0,729739	1,27828	0,20115	0,456261	no
AN4439	ChrIII_A_nidulans_FGSC_A4:2043214-2044072	WT_5hasex	WT_veg	OK	50,4605	58,2703	0,207609	-0,407348	0,683752	0,860739	no
AN4440	ChrIII_A_nidulans_FGSC_A4:2042539-2043038	WT_5hasex	WT_veg	OK	51,3782	55,3999	0,108729	-0,190158	0,849185	0,940762	no
AN4441	ChrIII_A_nidulans_FGSC_A4:2040964-2042133	WT_5hasex	WT_veg	OK	83,0584	111,716	0,427641	-0,874184	0,382018	0,656065	no
AN4444	ChrIII_A_nidulans_FGSC_A4:2026507-2030212	WT_5hasex	WT_veg	NOTEST	0,964539	0,811826	-0,248669	0,207479	0,835636	1	no
AN4445	ChrIII_A_nidulans_FGSC_A4:2026507-2030212	WT_5hasex	WT_veg	OK	17,8138	34,755	0,964224	-1,80457	0,0711427	0,228115	no
AN4446	ChrIII_A_nidulans_FGSC_A4:2025395-2026240	WT_5hasex	WT_veg	OK	156,618	194,561	0,312975	-0,643692	0,519775	0,763334	no
AN4447	ChrIII_A_nidulans_FGSC_A4:2020672-2024074	WT_5hasex	WT_veg	OK	26,0999	49,2744	0,91679	-1,81995	0,0687661	0,222657	no
AN4448	ChrIII_A_nidulans_FGSC_A4:2019622-2020366	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4449	ChrIII_A_nidulans_FGSC_A4:2018535-2019333	WT_5hasex	WT_veg	OK	194,046	255,276	0,395662	-0,8201	0,412159	0,68191	no
AN4450	ChrIII_A_nidulans_FGSC_A4:2016548-2018281	WT_5hasex	WT_veg	OK	20,2294	22,6366	0,162205	-0,314494	0,753146	0,897356	no
AN4451	ChrIII_A_nidulans_FGSC_A4:2013635-2014244	WT_5hasex	WT_veg	NOTEST	1,20534	2,70311	1,16518	-0,663027	0,507313	1	no
AN4452	ChrIII_A_nidulans_FGSC_A4:2010348-2013297	WT_5hasex	WT_veg	OK	236,189	311,468	0,399144	-0,768175	0,442383	0,706266	no
AN4453	ChrIII_A_nidulans_FGSC_A4:2006103-2009537	WT_5hasex	WT_veg	OK	42,1474	74,123	0,814477	-1,68869	0,0912785	0,271494	no
AN4454	ChrIII_A_nidulans_FGSC_A4:2004497-2005577	WT_5hasex	WT_veg	OK	11,0827	17,1795	0,63237	-1,02101	0,307251	0,583231	no
AN4455	ChrIII_A_nidulans_FGSC_A4:2000365-2001996	WT_5hasex	WT_veg	OK	28,0433	90,9143	1,69685	-3,34188	0,00083214	0,00671479	yes
AN4456	ChrIII_A_nidulans_FGSC_A4:1997829-1999819	WT_5hasex	WT_veg	OK	9,21943	65,5419	2,82967	-4,87197	1,1049E-06	2,0048E-05	yes
AN4457	ChrIII_A_nidulans_FGSC_A4:1996587-1997623	WT_5hasex	WT_veg	OK	262,536	389,384	0,568676	-1,14972	0,250261	0,518756	no
AN4458	ChrIII_A_nidulans_FGSC_A4:1994476-1996384	WT_5hasex	WT_veg	OK	24,791	36,8358	0,571292	-1,14819	0,250891	0,519528	no
AN4459	ChrIII_A_nidulans_FGSC_A4:1991982-1994337	WT_5hasex	WT_veg	OK	21,8305	21,6418	-0,0125252	0,0251449	0,979939	0,993015	no
AN4460	ChrIII_A_nidulans_FGSC_A4:1988087-1991130	WT_5hasex	WT_veg	OK	12,5744	44,5341	1,82442	-3,55017	0,00038498	0,0034776	yes
AN4461	ChrIII_A_nidulans_FGSC_A4:1986167-1987836	WT_5hasex	WT_veg	OK	28,8428	99,9409	1,79286	-3,61922	0,00029549	0,00278598	yes
AN4463	ChrIII_A_nidulans_FGSC_A4:1974727-1980206	WT_5hasex	WT_veg	OK	81,6114	145,71	0,836257	-1,58672	0,112576	0,313891	no
AN4465	ChrIII_A_nidulans_FGSC_A4:1969287-1970416	WT_5hasex	WT_veg	OK	28,3132	48,3779	0,772871	-1,44872	0,147415	0,374965	no
AN4468	ChrIII_A_nidulans_FGSC_A4:1958310-1959063	WT_5hasex	WT_veg	OK	173,197	531,223	1,61691	-3,36343	0,00076981	0,00627756	yes
AN4469	ChrIII_A_nidulans_FGSC_A4:1956657-1958206	WT_5hasex	WT_veg	OK	14,5208	58,2378	2,00383	-3,4933	0,00047709	0,00418418	yes
AN4470	ChrIII_A_nidulans_FGSC_A4:1943421-1945203	WT_5hasex	WT_veg	OK	111,656	228,87	1,03547	-2,12302	0,033752	0,132973	no
AN4471	ChrIII_A_nidulans_FGSC_A4:1941383-1942999	WT_5hasex	WT_veg	OK	25,9958	130,479	2,32746	-4,36694	0,0000126	0,00017635	yes
AN4472	ChrIII_A_nidulans_FGSC_A4:1936028-1940754	WT_5hasex	WT_veg	OK	13,7178	35,5434	1,37354	-2,83886	0,00452755	0,0274693	yes
AN4473	ChrIII_A_nidulans_FGSC_A4:1933570-1935352	WT_5hasex	WT_veg	OK	11,8169	16,8043	0,507987	-0,878818	0,3795	0,654002	no
AN4474	ChrIII_A_nidulans_FGSC_A4:1931690-1932533	WT_5hasex	WT_veg	OK	27,3209	51,3626	0,910714	-1,60839	0,10775	0,305157	no
AN4475	ChrIII_A_nidulans_FGSC_A4:1930287-1931347	WT_5hasex	WT_veg	OK	1663,7	2776,28	0,738762	-1,2035	0,228782	0,491884	no
AN4477	ChrIII_A_nidulans_FGSC_A4:1924842-1927197	WT_5hasex	WT_veg	OK	35,3293	33,0338	-0,0969221	0,200258	0,841279	0,937216	no
AN4478	ChrIII_A_nidulans_FGSC_A4:1919581-1923647	WT_5hasex	WT_veg	OK	24,1902	69,6868	1,52646	-3,17432	0,00150186	0,0110055	yes

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AN4480	ChrIII_A_nidulans_FGSC_A4:1910505-1912359	WT_5hasex	WT_veg	OK	22,1734	13,8643	-0,67746	1,30693	0,191235	0,442238	no
AN4481	ChrIII_A_nidulans_FGSC_A4:1908172-1909880	WT_5hasex	WT_veg	OK	43,084	42,0852	-0,0338383	0,0616887	0,950811	0,981924	no
AN4482	ChrIII_A_nidulans_FGSC_A4:1903001-1905046	WT_5hasex	WT_veg	OK	23,1186	28,3941	0,296538	-0,586974	0,557221	0,786976	no
AN4483	ChrIII_A_nidulans_FGSC_A4:1899385-1902182	WT_5hasex	WT_veg	OK	401,672	1887,16	2,23213	-3,61517	0,00030015	0,0028207	yes
AN4484	ChrIII_A_nidulans_FGSC_A4:1894862-1897472	WT_5hasex	WT_veg	OK	12,9347	36,056	1,47899	-2,78638	0,00532999	0,0313014	yes
AN4485	ChrIII_A_nidulans_FGSC_A4:1891510-1893360	WT_5hasex	WT_veg	NOTEST	0,38196	0,792651	1,05326	-0,709822	0,477815	1	no
AN4487	ChrIII_A_nidulans_FGSC_A4:1885265-1887714	WT_5hasex	WT_veg	OK	7,54699	11,5839	0,618141	-1,07778	0,281132	0,554769	no
AN4488	ChrIII_A_nidulans_FGSC_A4:1881903-1884932	WT_5hasex	WT_veg	OK	18,3686	23,4561	0,352721	-0,696027	0,486412	0,740267	no
AN4489	ChrIII_A_nidulans_FGSC_A4:1878500-1880864	WT_5hasex	WT_veg	OK	11,8117	14,9679	0,341664	-0,628874	0,529431	0,769136	no
AN4490	ChrIII_A_nidulans_FGSC_A4:1876074-1878215	WT_5hasex	WT_veg	OK	86,3196	199,566	1,20911	-2,48336	0,013015	0,0641245	no
AN4491	ChrIII_A_nidulans_FGSC_A4:1874626-1875541	WT_5hasex	WT_veg	OK	26,102	65,1109	1,31874	-2,39838	0,0164676	0,0768556	no
AN4492	ChrIII_A_nidulans_FGSC_A4:1872975-1874457	WT_5hasex	WT_veg	OK	214,934	289,514	0,42974	-0,861885	0,388751	0,662095	no
AN4494	ChrIII_A_nidulans_FGSC_A4:1868297-1869765	WT_5hasex	WT_veg	OK	1004,59	1776,33	0,822301	-1,43228	0,152064	0,382547	no
AN4495	ChrIII_A_nidulans_FGSC_A4:1866462-1868169	WT_5hasex	WT_veg	OK	15,5591	23,2797	0,581309	-1,08124	0,279592	0,55319	no
AN4496	ChrIII_A_nidulans_FGSC_A4:1862765-1865954	WT_5hasex	WT_veg	OK	12,528	40,7438	1,70142	-3,32371	0,00088827	0,00711406	yes
AN4497	ChrIII_A_nidulans_FGSC_A4:1857053-1860407	WT_5hasex	WT_veg	OK	7,35727	10,5977	0,526509	-0,977846	0,32815	0,604505	no
AN4498	ChrIII_A_nidulans_FGSC_A4:1854125-1856017	WT_5hasex	WT_veg	OK	44,404	73,0521	0,718238	-1,4885	0,136619	0,356881	no
AN4500	ChrIII_A_nidulans_FGSC_A4:1850406-1851392	WT_5hasex	WT_veg	OK	3253,69	7397,87	1,18503	-1,7332	0,0830604	0,254504	no
AN4502	ChrIII_A_nidulans_FGSC_A4:1843630-1845090	WT_5hasex	WT_veg	OK	64,146	149,598	1,22166	-2,57032	0,0101605	0,0527366	no
AN4503	ChrIII_A_nidulans_FGSC_A4:1838683-1839431	WT_5hasex	WT_veg	OK	84,3512	54,0136	-0,643087	1,25005	0,211281	0,46987	no
AN4505	ChrIII_A_nidulans_FGSC_A4:1834174-1835203	WT_5hasex	WT_veg	OK	65,9474	87,9738	0,415759	-0,846195	0,397444	0,670364	no
AN4506	ChrIII_A_nidulans_FGSC_A4:1832310-1833100	WT_5hasex	WT_veg	NOTEST	0,251351	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN4509	ChrIII_A_nidulans_FGSC_A4:1823870-1826591	WT_5hasex	WT_veg	OK	8,70968	21,7921	1,32311	-2,43762	0,0147841	0,070757	no
AN4510	ChrIII_A_nidulans_FGSC_A4:1818862-1821687	WT_5hasex	WT_veg	OK	15,9098	29,0703	0,869631	-1,67402	0,0941276	0,277433	no
AN4511	ChrIII_A_nidulans_FGSC_A4:1816533-1817202	WT_5hasex	WT_veg	OK	18,4735	21,9751	0,250413	-0,389907	0,696605	0,867266	no
AN4512	ChrIII_A_nidulans_FGSC_A4:1815711-1816324	WT_5hasex	WT_veg	OK	48,5054	98,4379	1,02107	-1,88329	0,0596606	0,201444	no
AN4517	ChrIII_A_nidulans_FGSC_A4:1795888-1799358	WT_5hasex	WT_veg	OK	128,216	159,896	0,318554	-0,608674	0,54274	0,777565	no
AN4518	ChrIII_A_nidulans_FGSC_A4:1789727-1793997	WT_5hasex	WT_veg	OK	20,5755	14,0766	-0,547627	1,12678	0,259837	0,530208	no
AN4519	ChrIII_A_nidulans_FGSC_A4:1787518-1789393	WT_5hasex	WT_veg	OK	10,5495	16,0849	0,608543	-1,08994	0,27574	0,548861	no
AN4520	ChrIII_A_nidulans_FGSC_A4:1785520-1787301	WT_5hasex	WT_veg	OK	22,5339	37,315	0,72766	-1,43818	0,150383	0,379536	no
AN4522	ChrIII_A_nidulans_FGSC_A4:1776374-1777224	WT_5hasex	WT_veg	OK	1500,67	2977,25	0,988374	-1,76387	0,077754	0,24299	no
AN4524	ChrIII_A_nidulans_FGSC_A4:1762577-1763704	WT_5hasex	WT_veg	OK	63,7799	107,343	0,751059	-1,55055	0,12101	0,329481	no
AN4525	ChrIII_A_nidulans_FGSC_A4:1760527-1762004	WT_5hasex	WT_veg	OK	1499,24	1389,54	-0,109627	0,182537	0,855162	0,943414	no
AN4527	ChrIII_A_nidulans_FGSC_A4:1755765-1756998	WT_5hasex	WT_veg	OK	24,5724	67,2073	1,45158	-2,25651	0,0240384	0,102354	no
AN4528	ChrIII_A_nidulans_FGSC_A4:1752326-1753819	WT_5hasex	WT_veg	OK	81,6604	76,4832	-0,0944935	0,191994	0,847747	0,940063	no
AN4529	ChrIII_A_nidulans_FGSC_A4:1748318-1749551	WT_5hasex	WT_veg	OK	6,33825	19,13	1,59368	-2,25984	0,023831	0,101677	no
AN4530	ChrIII_A_nidulans_FGSC_A4:1745992-1747307	WT_5hasex	WT_veg	OK	25,3563	42,3684	0,740644	-1,40314	0,160574	0,396196	no
AN4531	ChrIII_A_nidulans_FGSC_A4:1742405-1744588	WT_5hasex	WT_veg	OK	10,3649	19,14	0,884886	-1,52787	0,126546	0,339056	no
AN4532	ChrIII_A_nidulans_FGSC_A4:1741023-1742161	WT_5hasex	WT_veg	OK	15,4149	31,399	1,02639	-1,71471	0,0863978	0,261776	no
AN4534	ChrIII_A_nidulans_FGSC_A4:1734776-1735769	WT_5hasex	WT_veg	OK	6,6475	16,9631	1,35152	-1,86755	0,061825	0,206405	no
AN4535	ChrIII_A_nidulans_FGSC_A4:1731864-1734612	WT_5hasex	WT_veg	OK	71,1664	38,4317	-0,8889	1,81329	0,0697864	0,224974	no
AN4536	ChrIII_A_nidulans_FGSC_A4:1726031-1729963	WT_5hasex	WT_veg	OK	43,2942	87,8684	1,02117	-2,1288	0,0332708	0,131433	no
AN4537	ChrIII_A_nidulans_FGSC_A4:1722481-1725067	WT_5hasex	WT_veg	OK	27,2245	44,7831	0,718049	-1,35654	0,174926	0,418886	no
AN4538	ChrIII_A_nidulans_FGSC_A4:1720400-1721926	WT_5hasex	WT_veg	OK	37,2743	90,8268	1,28494	-2,60021	0,00931655	0,0492143	yes
AN4539	ChrIII_A_nidulans_FGSC_A4:1718665-1719913	WT_5hasex	WT_veg	OK	519,939	469,693	-0,146626	0,269123	0,787835	0,913415	no
AN4540	ChrIII_A_nidulans_FGSC_A4:1716960-1718389	WT_5hasex	WT_veg	OK	10,5143	38,879	1,88663	-3,02633	0,00247545	0,0166671	yes
AN4541	ChrIII_A_nidulans_FGSC_A4:1715413-1716748	WT_5hasex	WT_veg	OK	62,1503	113,649	0,870755	-1,80142	0,0716371	0,22922	no
AN4542	ChrIII_A_nidulans_FGSC_A4:1711100-1713473	WT_5hasex	WT_veg	OK	171,378	248,616	0,536736	-1,07064	0,28433	0,558199	no
AN4543	ChrIII_A_nidulans_FGSC_A4:1709117-1710309	WT_5hasex	WT_veg	OK	33,8545	64,3079	0,925649	-1,78873	0,0736583	0,233582	no
AN4544	ChrIII_A_nidulans_FGSC_A4:1706426-1708533	WT_5hasex	WT_veg	OK	37,0302	77,769	1,07049	-2,16559	0,0303427	0,122375	no
AN4545	ChrIII_A_nidulans_FGSC_A4:1698702-1701653	WT_5hasex	WT_veg	OK	8,45202	15,6586	0,889584	-1,65044	0,0988529	0,28699	no
AN4546	ChrIII_A_nidulans_FGSC_A4:1695638-1696782	WT_5hasex	WT_veg	OK	50,8395	75,3195	0,567074	-1,14905	0,250536	0,519017	no
AN4547	ChrIII_A_nidulans_FGSC_A4:1690949-1694127	WT_5hasex	WT_veg	OK	74,9762	98,1519	0,388584	-0,779571	0,435644	0,700952	no

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AN4548	ChrIII_A_nidulans_FGSC_A4:1689255-1690392	WT_5hasex	WT_veg	OK	29,5495	104,353	1,82027	-3,44358	0,00057406	0,0049001	yes
AN4549	ChrIII_A_nidulans_FGSC_A4:1687706-1688999	WT_5hasex	WT_veg	OK	45,4571	159,977	1,81529	-3,69532	0,00021961	0,00215866	yes
AN4553	ChrIII_A_nidulans_FGSC_A4:1678373-1679079	WT_5hasex	WT_veg	OK	48,1729	35,7629	-0,429759	0,739883	0,459371	0,719683	no
AN4554	ChrIII_A_nidulans_FGSC_A4:1676992-1677922	WT_5hasex	WT_veg	NOTEST	0,192809	0,898949	2,22106	-1,14626	0,251686		1 no
AN4555	ChrIII_A_nidulans_FGSC_A4:1673985-1676185	WT_5hasex	WT_veg	OK	9,28419	8,48731	-0,129469	0,221624	0,824607	0,93005	no
AN4556	ChrIII_A_nidulans_FGSC_A4:1672366-1673577	WT_5hasex	WT_veg	OK	47,1011	62,381	0,405346	-0,787501	0,430989	0,697531	no
AN4557	ChrIII_A_nidulans_FGSC_A4:1668942-1672108	WT_5hasex	WT_veg	OK	95,5363	145,855	0,610412	-1,18704	0,235211	0,500469	no
AN4558	ChrIII_A_nidulans_FGSC_A4:1665276-1668275	WT_5hasex	WT_veg	OK	27,3305	64,3016	1,23435	-2,52612	0,011533	0,0583295	no
AN4559	ChrIII_A_nidulans_FGSC_A4:1663506-1664288	WT_5hasex	WT_veg	OK	161,313	843,732	2,38692	-4,88662	1,0258E-06	1,8756E-05	yes
AN4560	ChrIII_A_nidulans_FGSC_A4:1662413-1663292	WT_5hasex	WT_veg	OK	83,5733	478,866	2,51851	-4,87574	1,084E-06	1,971E-05	yes
AN4563	ChrIII_A_nidulans_FGSC_A4:1656240-1659007	WT_5hasex	WT_veg	OK	654,103	738,437	0,174956	-0,290362	0,77154	0,906304	no
AN4565	ChrIII_A_nidulans_FGSC_A4:1646799-1647475	WT_5hasex	WT_veg	OK	42,9785	49,3449	0,199285	-0,367633	0,713147	0,876672	no
AN4567	ChrIII_A_nidulans_FGSC_A4:1639714-1641259	WT_5hasex	WT_veg	OK	5,16946	8,41402	0,702782	-1,00689	0,313987	0,59005	no
AN4569	ChrIII_A_nidulans_FGSC_A4:1636433-1637272	WT_5hasex	WT_veg	OK	153,402	223,252	0,541355	-1,06745	0,285768	0,559953	no
AN4570	ChrIII_A_nidulans_FGSC_A4:1633916-1635900	WT_5hasex	WT_veg	OK	54,2176	191,726	1,82221	-3,78278	0,00015509	0,00159944	yes
AN4571	ChrIII_A_nidulans_FGSC_A4:1629583-1633373	WT_5hasex	WT_veg	OK	10,0195	18,5897	0,891693	-1,70328	0,0885154	0,266023	no
AN4572	ChrIII_A_nidulans_FGSC_A4:1628072-1629220	WT_5hasex	WT_veg	OK	18,8089	28,0069	0,574368	-1,03035	0,302846	0,578681	no
AN4573	ChrIII_A_nidulans_FGSC_A4:1626459-1627518	WT_5hasex	WT_veg	NOTEST	0,216592	0,182757	-0,245056	0,0691616	0,944861		1 no
AN4574	ChrIII_A_nidulans_FGSC_A4:1624288-1625824	WT_5hasex	WT_veg	OK	31,7192	49,5638	0,643931	-1,25388	0,209884	0,467895	no
AN4575	ChrIII_A_nidulans_FGSC_A4:1621937-1623256	WT_5hasex	WT_veg	OK	2894,05	5775,92	0,996959	-1,19864	0,230666	0,494569	no
AN4576	ChrIII_A_nidulans_FGSC_A4:1620036-1621451	WT_5hasex	WT_veg	OK	6,36824	8,14124	0,354355	-0,532911	0,594095	0,809416	no
AN4579	ChrIII_A_nidulans_FGSC_A4:1614484-1616537	WT_5hasex	WT_veg	OK	36,7123	58,2431	0,665822	-1,35204	0,176363	0,420932	no
AN4580	ChrIII_A_nidulans_FGSC_A4:1613756-1614212	WT_5hasex	WT_veg	OK	42,632	43,6331	0,0334879	-0,0550352	0,95611	0,983708	no
AN4581	ChrIII_A_nidulans_FGSC_A4:1610967-1613554	WT_5hasex	WT_veg	OK	8,49388	45,0252	2,40624	-4,32272	1,5412E-05	0,00021241	yes
AN4582	ChrIII_A_nidulans_FGSC_A4:1609286-1610740	WT_5hasex	WT_veg	OK	9,75907	5,46718	-0,835946	1,29258	0,196157	0,449045	no
AN4584	ChrIII_A_nidulans_FGSC_A4:1606290-1606908	WT_5hasex	WT_veg	OK	20,1085	25,3048	0,331605	-0,497354	0,61894	0,823932	no
AN4585	ChrIII_A_nidulans_FGSC_A4:1603378-1605574	WT_5hasex	WT_veg	OK	29,4219	51,3774	0,804242	-1,64163	0,100668	0,290915	no
AN4586	ChrIII_A_nidulans_FGSC_A4:1600634-1601769	WT_5hasex	WT_veg	OK	35,07	951,177	4,76222	-9,08863	0	0	yes
AN4587	ChrIII_A_nidulans_FGSC_A4:1599419-1600597	WT_5hasex	WT_veg	OK	11,4622	31,2872	1,44869	-2,09027	0,0365935	0,141216	no
AN4588	ChrIII_A_nidulans_FGSC_A4:1596266-1596984	WT_5hasex	WT_veg	OK	1,02708	8,59726	3,06533	-2,84022	0,00450818	0,0273868	yes
AN4589	ChrIII_A_nidulans_FGSC_A4:1594388-1595204	WT_5hasex	WT_veg	OK	278,376	371,181	0,415089	-0,843232	0,399099	0,671455	no
AN4590	ChrIII_A_nidulans_FGSC_A4:1592007-1593996	WT_5hasex	WT_veg	OK	3,669	7,43943	1,01981	-1,33551	0,181711	0,428648	no
AN4591	ChrIII_A_nidulans_FGSC_A4:1583647-1586000	WT_5hasex	WT_veg	OK	132,122	124,969	-0,0803009	0,162537	0,870883	0,95057	no
AN4592	ChrIII_A_nidulans_FGSC_A4:1581601-1583407	WT_5hasex	WT_veg	OK	89,7618	50,2335	-0,837451	1,73634	0,082503	0,253265	no
AN4593	ChrIII_A_nidulans_FGSC_A4:1579072-1581133	WT_5hasex	WT_veg	OK	15,6615	19,7715	0,336202	-0,642606	0,52048	0,763872	no
AN4594	ChrIII_A_nidulans_FGSC_A4:1577718-1578571	WT_5hasex	WT_veg	OK	1100,6	1309,78	0,251031	-0,432741	0,665203	0,850451	no
AN4597	ChrIII_A_nidulans_FGSC_A4:1569303-1573812	WT_5hasex	WT_veg	OK	28,2832	51,0191	0,851094	-1,75904	0,0785705	0,244696	no
AN4598	ChrIII_A_nidulans_FGSC_A4:1565860-1567885	WT_5hasex	WT_veg	OK	32,5686	46,73	0,520865	-1,02158	0,306982	0,583011	no
AN4599	ChrIII_A_nidulans_FGSC_A4:1559647-1562318	WT_5hasex	WT_veg	OK	18,1202	37,9237	1,0655	-2,10846	0,0349914	0,136511	no
AN4600	ChrIII_A_nidulans_FGSC_A4:1558224-1559452	WT_5hasex	WT_veg	OK	14,4893	50,1306	1,7907	-3,06065	0,0022086	0,0151804	yes
AN4601	ChrIII_A_nidulans_FGSC_A4:1552276-1556927	WT_5hasex	WT_veg	OK	30,5796	54,2975	0,828318	-1,64501	0,0999683	0,289246	no
AN4602	ChrIII_A_nidulans_FGSC_A4:1551300-1552018	WT_5hasex	WT_veg	OK	34,9761	33,6585	-0,0553986	0,0968134	0,922875	0,970809	no
AN4603	ChrIII_A_nidulans_FGSC_A4:1547721-1549469	WT_5hasex	WT_veg	OK	63,1826	133,889	1,08344	-2,04357	0,0409962	0,153482	no
AN4604	ChrIII_A_nidulans_FGSC_A4:1544065-1545377	WT_5hasex	WT_veg	NOTEST	2,12329	1,8339	-0,21139	0,206783	0,836179		1 no
AN4605	ChrIII_A_nidulans_FGSC_A4:1542618-1543285	WT_5hasex	WT_veg	NOTEST	1,51857	0	-1.79769e+308	-1.79769e+308	0,0399057		1 no
AN4606	ChrIII_A_nidulans_FGSC_A4:1540496-1541690	WT_5hasex	WT_veg	OK	2,46392	18,1143	2,8781	-3,19788	0,00138441	0,0102698	yes
AN4607	ChrIII_A_nidulans_FGSC_A4:1539290-1539788	WT_5hasex	WT_veg	OK	2,58957	7,19994	1,47527	-1,56059	0,11862	0,325201	no
AN4608	ChrIII_A_nidulans_FGSC_A4:1537644-1538868	WT_5hasex	WT_veg	OK	40,8932	87,3587	1,09509	-2,08552	0,0370217	0,142459	no
AN4609	ChrIII_A_nidulans_FGSC_A4:1530733-1535527	WT_5hasex	WT_veg	OK	3,61102	8,39015	1,21629	-1,88907	0,058883	0,199521	no
AN4610	ChrIII_A_nidulans_FGSC_A4:1529299-1530093	WT_5hasex	WT_veg	NOTEST	1,1428	3,74778	1,71346	-1,36502	0,172247		1 no
AN4611	ChrIII_A_nidulans_FGSC_A4:1527991-1528488	WT_5hasex	WT_veg	OK	142,409	385,67	1,43733	-2,84385	0,00445719	0,0271462	yes
AN4612	ChrIII_A_nidulans_FGSC_A4:1525919-1526576	WT_5hasex	WT_veg	OK	44,5157	104,71	1,23401	-2,29972	0,0214641	0,0940517	no
AN4613	ChrIII_A_nidulans_FGSC_A4:1522766-1525497	WT_5hasex	WT_veg	OK	20,69	95,508	2,20669	-4,41394	1,0151E-05	0,00014589	yes

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AN4614	ChrIII_A_nidulans_FGSC_A4:1521182-1522585	WT_5hasex	WT_veg	OK	90,3319	278,257	1,62311	-3,32665	0,00087897	0,00704492	yes
AN4616	ChrIII_A_nidulans_FGSC_A4:1517013-1519189	WT_5hasex	WT_veg	OK	49,6095	187,932	1,92152	-3,82064	0,0001331	0,00140936	yes
AN4617	ChrIII_A_nidulans_FGSC_A4:1515788-1516610	WT_5hasex	WT_veg	OK	30,4444	63,8657	1,06887	-1,95947	0,0500583	0,177696	no
AN4618	ChrIII_A_nidulans_FGSC_A4:1513355-1515590	WT_5hasex	WT_veg	OK	3,77022	34,59	3,19763	-5,0455	4,5233E-07	9,0539E-06	yes
AN4619	ChrIII_A_nidulans_FGSC_A4:1510735-1511666	WT_5hasex	WT_veg	NOTEST	0,429769	0,256032	-0,747241	0,233956	0,815019	1	no
AN4620	ChrIII_A_nidulans_FGSC_A4:1507004-1508591	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4621	ChrIII_A_nidulans_FGSC_A4:1503543-1505357	WT_5hasex	WT_veg	OK	1,22738	3,9421	1,68338	-1,80218	0,0715174	0,228925	no
AN4622	ChrIII_A_nidulans_FGSC_A4:1498736-1500091	WT_5hasex	WT_veg	OK	77,9857	235,143	1,59226	-3,33622	0,00084925	0,00683919	yes
AN4623	ChrIII_A_nidulans_FGSC_A4:1493286-1497948	WT_5hasex	WT_veg	OK	21,5426	14,1815	-0,603178	1,21985	0,222523	0,484227	no
AN4625	ChrIII_A_nidulans_FGSC_A4:1488630-1489800	WT_5hasex	WT_veg	OK	3,63804	6,16221	0,760287	-0,887565	0,374775	0,649503	no
AN4626	ChrIII_A_nidulans_FGSC_A4:1485901-1487305	WT_5hasex	WT_veg	OK	2,58451	2,74432	0,0865531	-0,101002	0,919549	0,969327	no
AN4627	ChrIII_A_nidulans_FGSC_A4:1484618-1485199	WT_5hasex	WT_veg	NOTEST	0,475492	2,67981	2,49464	-1,17985	0,238059	1	no
AN4628	ChrIII_A_nidulans_FGSC_A4:1479328-1483420	WT_5hasex	WT_veg	NOTEST	0,494101	0	-1.79769e+308	-1.79769e+308	0,0665159	1	no
AN4629	ChrIII_A_nidulans_FGSC_A4:1479328-1483420	WT_5hasex	WT_veg	NOTEST	0,857195	0	-1.79769e+308	-1.79769e+308	0,113927	1	no
AN4630	ChrIII_A_nidulans_FGSC_A4:1476617-1478271	WT_5hasex	WT_veg	NOTEST	0,703691	2,70123	1,9406	-1,87	0,0614831	1	no
AN4631	ChrIII_A_nidulans_FGSC_A4:1475086-1476026	WT_5hasex	WT_veg	OK	4,9374	7,83513	0,666208	-0,902401	0,366844	0,641741	no
AN4632	ChrIII_A_nidulans_FGSC_A4:1471361-1473652	WT_5hasex	WT_veg	OK	52,4366	117,271	1,1612	-2,42666	0,0152386	0,0723702	no
AN4633	ChrIII_A_nidulans_FGSC_A4:1469815-1470578	WT_5hasex	WT_veg	OK	275,262	338,289	0,297448	-0,593678	0,552727	0,783637	no
AN4634	ChrIII_A_nidulans_FGSC_A4:1466779-1467896	WT_5hasex	WT_veg	OK	31,9934	26,9063	-0,249831	0,472292	0,636718	0,83403	no
AN4636	ChrIII_A_nidulans_FGSC_A4:1459478-1460473	WT_5hasex	WT_veg	OK	96,3152	698,011	2,85742	-5,54342	2,9662E-08	7,76E-07	yes
AN4637	ChrIII_A_nidulans_FGSC_A4:1456627-1459429	WT_5hasex	WT_veg	OK	97,1823	166,119	0,773456	-1,56445	0,117711	0,323405	no
AN4638	ChrIII_A_nidulans_FGSC_A4:1452751-1455473	WT_5hasex	WT_veg	NOTEST	0,590122	3,15378	2,418	-2,53735	0,0111694	1	no
AN4639	ChrIII_A_nidulans_FGSC_A4:1447462-1452606	WT_5hasex	WT_veg	OK	18,8756	37,612	0,994672	-2,0447	0,040884	0,153138	no
AN4640	ChrIII_A_nidulans_FGSC_A4:1442556-1444171	WT_5hasex	WT_veg	NOTEST	0,251286	0,634336	1,33592	-0,735649	0,461945	1	no
AN4642	ChrIII_A_nidulans_FGSC_A4:1428726-1430522	WT_5hasex	WT_veg	OK	13,3803	15,2394	0,187698	-0,308107	0,758001	0,900065	no
AN4644	ChrIII_A_nidulans_FGSC_A4:1422398-1423236	WT_5hasex	WT_veg	OK	7,40172	6,13218	-0,271461	0,330549	0,740985	0,891291	no
AN4645	ChrIII_A_nidulans_FGSC_A4:1418461-1420406	WT_5hasex	WT_veg	OK	42,407	68,6239	0,694408	-1,27341	0,202873	0,458705	no
AN4646	ChrIII_A_nidulans_FGSC_A4:1418461-1420406	WT_5hasex	WT_veg	OK	774,424	1712,97	1,14531	-1,93374	0,0531457	0,185272	no
AN4647	ChrIII_A_nidulans_FGSC_A4:1416989-1418055	WT_5hasex	WT_veg	OK	105,575	135,262	0,357484	-0,739802	0,45942	0,719717	no
AN4648	ChrIII_A_nidulans_FGSC_A4:1415305-1416931	WT_5hasex	WT_veg	OK	23,874	135,861	2,50862	-4,6581	3,1914E-06	5,2018E-05	yes
AN4649	ChrIII_A_nidulans_FGSC_A4:1412695-1414500	WT_5hasex	WT_veg	NOTEST	1,60323	2,10006	0,389454	-0,446753	0,655053	1	no
AN4650	ChrIII_A_nidulans_FGSC_A4:1408297-1411454	WT_5hasex	WT_veg	OK	42,6339	85,3168	1,00083	-2,09757	0,0359429	0,139424	no
AN4652	ChrIII_A_nidulans_FGSC_A4:1396639-1397945	WT_5hasex	WT_veg	OK	99,9968	328,592	1,71634	-3,53782	0,00040345	0,00362073	yes
AN4653	ChrIII_A_nidulans_FGSC_A4:1395333-1396572	WT_5hasex	WT_veg	OK	19,3198	49,5225	1,35801	-2,38085	0,0172729	0,0797055	no
AN4654	ChrIII_A_nidulans_FGSC_A4:1392923-1394917	WT_5hasex	WT_veg	OK	31,6424	505,32	3,99727	-8,09202	6,6613E-16	5,5762E-14	yes
AN4655	ChrIII_A_nidulans_FGSC_A4:1391290-1392123	WT_5hasex	WT_veg	OK	222,193	555,998	1,32326	-2,70603	0,00680938	0,0383147	yes
AN4656	ChrIII_A_nidulans_FGSC_A4:1388485-1389719	WT_5hasex	WT_veg	OK	12,605	30,0392	1,25285	-2,16384	0,0304765	0,122801	no
AN4657	ChrIII_A_nidulans_FGSC_A4:1386321-1387803	WT_5hasex	WT_veg	OK	31,0509	53,9135	0,796011	-1,52626	0,126945	0,339848	no
AN4658	ChrIII_A_nidulans_FGSC_A4:1382889-1384183	WT_5hasex	WT_veg	NOTEST	0,336382	1,31379	1,96556	-1,35972	0,173919	1	no
AN4659	ChrIII_A_nidulans_FGSC_A4:1378750-1382365	WT_5hasex	WT_veg	OK	13,9074	37,4663	1,42974	-2,55987	0,010471	0,0540113	no
AN4660	ChrIII_A_nidulans_FGSC_A4:1378750-1382365	WT_5hasex	WT_veg	OK	29,7432	45,7971	0,622696	-0,80944	0,418262	0,686923	no
AN4662	ChrIII_A_nidulans_FGSC_A4:1378750-1382365	WT_5hasex	WT_veg	OK	16,3717	46,2374	1,49786	-2,18865	0,0286226	0,116877	no
AN4663	ChrIII_A_nidulans_FGSC_A4:1376607-1378398	WT_5hasex	WT_veg	OK	30,8562	22,8326	-0,434465	0,863455	0,387887	0,661335	no
AN4665	ChrIII_A_nidulans_FGSC_A4:1372720-1373800	WT_5hasex	WT_veg	OK	29,9272	49,4486	0,724472	-1,39253	0,163763	0,400892	no
AN4666	ChrIII_A_nidulans_FGSC_A4:1371536-1372596	WT_5hasex	WT_veg	OK	33,5396	49,4432	0,559907	-1,0703	0,284486	0,558317	no
AN4669	ChrIII_A_nidulans_FGSC_A4:1358903-1362382	WT_5hasex	WT_veg	NOTEST	0,36482	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN4670	ChrIII_A_nidulans_FGSC_A4:1356009-1358376	WT_5hasex	WT_veg	OK	46,5264	59,0614	0,344167	-0,712792	0,475974	0,732204	no
AN4671	ChrIII_A_nidulans_FGSC_A4:1354586-1355603	WT_5hasex	WT_veg	OK	31,2328	41,3436	0,404601	-0,747628	0,454685	0,715996	no
AN4672	ChrIII_A_nidulans_FGSC_A4:1353461-1354227	WT_5hasex	WT_veg	OK	9,31634	52,0946	2,4833	-3,78146	0,00015591	0,00160605	yes
AN4673	ChrIII_A_nidulans_FGSC_A4:1351393-1352992	WT_5hasex	WT_veg	OK	19,0042	39,4047	1,05205	-1,86882	0,0616475	0,206164	no
AN4674	ChrIII_A_nidulans_FGSC_A4:1348881-1350662	WT_5hasex	WT_veg	OK	154,774	400,365	1,37116	-2,74931	0,005972	0,0343631	yes
AN4675	ChrIII_A_nidulans_FGSC_A4:1348397-1348787	WT_5hasex	WT_veg	OK	7,93894	25,5604	1,68689	-2,07132	0,0383291	0,14618	no
AN4676	ChrIII_A_nidulans_FGSC_A4:1342631-1344788	WT_5hasex	WT_veg	OK	29,5153	27,3153	-0,111754	0,223462	0,823176	0,929436	no

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AN4677	ChrIII_A_nidulans_FGSC_A4:1339887-1340295	WT_5hasex	WT_veg	OK	0,979968	4,19348	2,09734	-0,922585	0,356224	0,631559	no
AN4678	ChrIII_A_nidulans_FGSC_A4:1336521-1338546	WT_5hasex	WT_veg	OK	9,04336	25,519	1,49664	-2,6453	0,00816189	0,0443074	yes
AN4680	ChrIII_A_nidulans_FGSC_A4:1331199-1332626	WT_5hasex	WT_veg	OK	270,408	189,736	-0,511145	1,0165	0,309389	0,585801	no
AN4681	ChrIII_A_nidulans_FGSC_A4:1328760-1330263	WT_5hasex	WT_veg	OK	3,17173	1,38382	-1,19661	1,21273	0,225231	0,487629	no
AN4682	ChrIII_A_nidulans_FGSC_A4:1327741-1328198	WT_5hasex	WT_veg	OK	173,856	257,948	0,569193	-1,15456	0,248271	0,516451	no
AN4683	ChrIII_A_nidulans_FGSC_A4:1325809-1327351	WT_5hasex	WT_veg	OK	62,2458	43,6328	-0,512566	1,04344	0,296745	0,572023	no
AN4684	ChrIII_A_nidulans_FGSC_A4:1323173-1324626	WT_5hasex	WT_veg	OK	123,472	399,095	1,69255	-3,43634	0,00058963	0,00501503	yes
AN4685	ChrIII_A_nidulans_FGSC_A4:1320078-1321529	WT_5hasex	WT_veg	OK	67,214	170,303	1,34127	-2,71577	0,00661214	0,03743	yes
AN4686	ChrIII_A_nidulans_FGSC_A4:1317708-1318710	WT_5hasex	WT_veg	OK	8,26301	8,51033	0,0425477	-0,0584288	0,953407	0,982622	no
AN4689	ChrIII_A_nidulans_FGSC_A4:1311848-1312957	WT_5hasex	WT_veg	OK	11,7103	113,479	3,27657	-5,45628	4,8621E-08	1,2133E-06	yes
AN4691	ChrIII_A_nidulans_FGSC_A4:1305141-1306465	WT_5hasex	WT_veg	OK	8,88415	66,1021	2,89539	-4,55056	5,3503E-06	8,2219E-05	yes
AN4692	ChrIII_A_nidulans_FGSC_A4:1299838-1302149	WT_5hasex	WT_veg	OK	7,62265	11,7815	0,628156	-1,05758	0,290246	0,564908	no
AN4694	ChrIII_A_nidulans_FGSC_A4:1291860-1294316	WT_5hasex	WT_veg	OK	20,6404	36,4937	0,822179	-1,65185	0,0985645	0,286382	no
AN4696	ChrIII_A_nidulans_FGSC_A4:1282366-1286373	WT_5hasex	WT_veg	OK	25,7466	99,8393	1,95523	-3,79305	0,00014881	0,00154567	yes
AN4697	ChrIII_A_nidulans_FGSC_A4:1279386-1281046	WT_5hasex	WT_veg	OK	30,9778	39,6053	0,354458	-0,669726	0,503032	0,751913	no
AN4698	ChrIII_A_nidulans_FGSC_A4:1268326-1270591	WT_5hasex	WT_veg	OK	32,6202	76,2769	1,22548	-2,55853	0,0105114	0,0541666	no
AN4699	ChrIII_A_nidulans_FGSC_A4:1255462-1259167	WT_5hasex	WT_veg	OK	61,7822	164,504	1,41286	-2,78924	0,00528316	0,0310868	yes
AN4701	ChrIII_A_nidulans_FGSC_A4:1249925-1250958	WT_5hasex	WT_veg	OK	15,9092	49,3074	1,63194	-2,72711	0,00638925	0,0363884	yes
AN4702	ChrIII_A_nidulans_FGSC_A4:1248043-1249094	WT_5hasex	WT_veg	OK	128,609	306,877	1,25467	-2,16294	0,0305459	0,123033	no
AN4703	ChrIII_A_nidulans_FGSC_A4:1245665-1246610	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN4704	ChrIII_A_nidulans_FGSC_A4:1241584-1242038	WT_5hasex	WT_veg	OK	1,43681	16,8129	3,54862	-3,35664	0,00078897	0,00641715	yes
AN4705	ChrIII_A_nidulans_FGSC_A4:1230843-1235303	WT_5hasex	WT_veg	OK	16,1906	35,2296	1,12163	-2,32769	0,0199288	0,088938	no
AN4706	ChrIII_A_nidulans_FGSC_A4:1222630-1230058	WT_5hasex	WT_veg	OK	18,6244	31,036	0,736746	-1,50381	0,132631	0,349889	no
AN4707	ChrIII_A_nidulans_FGSC_A4:1221052-1222303	WT_5hasex	WT_veg	OK	37,0414	98,5812	1,41217	-2,82157	0,00477886	0,0287025	yes
AN4708	ChrIII_A_nidulans_FGSC_A4:1219845-1220963	WT_5hasex	WT_veg	OK	7,43337	21,5145	1,53322	-2,31929	0,0203793	0,0904477	no
AN4710	ChrIII_A_nidulans_FGSC_A4:1214967-1216514	WT_5hasex	WT_veg	OK	26,5592	77,6681	1,54811	-3,01203	0,00259504	0,017334	yes
AN4711	ChrIII_A_nidulans_FGSC_A4:1213520-1214536	WT_5hasex	WT_veg	OK	187,445	1137,56	2,60141	-5,04746	4,4772E-07	8,9744E-06	yes
AN4713	ChrIII_A_nidulans_FGSC_A4:1207402-1209204	WT_5hasex	WT_veg	OK	56,6445	123,175	1,1207	-2,24878	0,0245266	0,103816	no
AN4714	ChrIII_A_nidulans_FGSC_A4:1205387-1207055	WT_5hasex	WT_veg	OK	58,6322	131,79	1,16847	-2,44501	0,0144849	0,0696352	no
AN4715	ChrIII_A_nidulans_FGSC_A4:1204790-1205292	WT_5hasex	WT_veg	OK	3,29538	31,7983	3,27043	-3,79113	0,00014996	0,00155444	yes
AN4716	ChrIII_A_nidulans_FGSC_A4:1201799-1202889	WT_5hasex	WT_veg	OK	33,7375	49,9296	0,565542	-1,10395	0,269615	0,541503	no
AN4718	ChrIII_A_nidulans_FGSC_A4:1196922-1197818	WT_5hasex	WT_veg	OK	163,92	222,366	0,43994	-0,898604	0,368864	0,64362	no
AN4719	ChrIII_A_nidulans_FGSC_A4:1191682-1196026	WT_5hasex	WT_veg	OK	34,1359	72,4983	1,08666	-2,20962	0,0271312	0,112203	no
AN4720	ChrIII_A_nidulans_FGSC_A4:1189852-1190915	WT_5hasex	WT_veg	OK	8,50343	62,5721	2,8794	-4,05039	5,1132E-05	0,00061035	yes
AN4721	ChrIII_A_nidulans_FGSC_A4:1183629-1187753	WT_5hasex	WT_veg	OK	10,2614	18,7281	0,867973	-1,73813	0,0821881	0,252452	no
AN4722	ChrIII_A_nidulans_FGSC_A4:1181861-1183279	WT_5hasex	WT_veg	OK	219,104	185,638	-0,239127	0,452179	0,65114	0,842328	no
AN4723	ChrIII_A_nidulans_FGSC_A4:1174840-1177437	WT_5hasex	WT_veg	OK	11,3866	23,5199	1,04655	-1,97125	0,0486949	0,174392	no
AN4724	ChrIII_A_nidulans_FGSC_A4:1171878-1174438	WT_5hasex	WT_veg	OK	23,0093	19,0461	-0,272719	0,546179	0,584943	0,804244	no
AN4725	ChrIII_A_nidulans_FGSC_A4:1170910-1171657	WT_5hasex	WT_veg	OK	20,3908	36,7463	0,849683	-1,43494	0,151305	0,381151	no
AN4726	ChrIII_A_nidulans_FGSC_A4:1169337-1170760	WT_5hasex	WT_veg	OK	51,0435	48,1247	-0,0849487	0,173314	0,862405	0,94688	no
AN4728	ChrIII_A_nidulans_FGSC_A4:1164031-1166915	WT_5hasex	WT_veg	OK	42,8101	55,2775	0,368742	-0,766335	0,443477	0,707258	no
AN4729	ChrIII_A_nidulans_FGSC_A4:1162329-1163806	WT_5hasex	WT_veg	OK	13,0938	80,4287	2,61882	-4,59204	4,3893E-06	6,8782E-05	yes
AN4730	ChrIII_A_nidulans_FGSC_A4:1159992-1160736	WT_5hasex	WT_veg	OK	125,18	202,474	0,693727	-1,4187	0,155988	0,388836	no
AN4731	ChrIII_A_nidulans_FGSC_A4:1158993-1159641	WT_5hasex	WT_veg	OK	365,872	300,289	-0,284989	0,582872	0,55998	0,788993	no
AN4732	ChrIII_A_nidulans_FGSC_A4:1156670-1158050	WT_5hasex	WT_veg	OK	89,7142	106,222	0,243678	-0,505927	0,612908	0,820646	no
AN4733	ChrIII_A_nidulans_FGSC_A4:1151141-1154448	WT_5hasex	WT_veg	OK	33,3481	60,2071	0,85233	-1,74176	0,0815505	0,251067	no
AN4735	ChrIII_A_nidulans_FGSC_A4:1144946-1147887	WT_5hasex	WT_veg	OK	14,2265	28,6229	1,00859	-1,9663	0,0492636	0,175816	no
AN4736	ChrIII_A_nidulans_FGSC_A4:1141939-1144059	WT_5hasex	WT_veg	OK	22,0628	48,2984	1,13036	-2,25969	0,0238403	0,101708	no
AN4738	ChrIII_A_nidulans_FGSC_A4:1136532-1137868	WT_5hasex	WT_veg	OK	17,2648	21,0693	0,287313	-0,507862	0,61155	0,819732	no
AN4739	ChrIII_A_nidulans_FGSC_A4:1133563-1135924	WT_5hasex	WT_veg	OK	72,4691	187,766	1,3735	-2,82885	0,00467156	0,0281799	yes
AN4740	ChrIII_A_nidulans_FGSC_A4:1133563-1135924	WT_5hasex	WT_veg	OK	55,3891	268,611	2,27784	-4,65134	3,2979E-06	5,3569E-05	yes
AN4741	ChrIII_A_nidulans_FGSC_A4:1127056-1132264	WT_5hasex	WT_veg	OK	33,6173	43,882	0,384426	-0,803564	0,421649	0,6897	no
AN4742	ChrIII_A_nidulans_FGSC_A4:1122287-1123447	WT_5hasex	WT_veg	OK	840,945	1168,07	0,474043	-0,881233	0,378192	0,65275	no

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AN4744	ChrIII_A_nidulans_FGSC_A4:1116880-1119567	WT_5hasex	WT_veg	OK	77,4556	66,9997	-0,209215	0,403843	0,686328	0,861994	no
AN4745	ChrIII_A_nidulans_FGSC_A4:1113910-1116579	WT_5hasex	WT_veg	OK	74,3745	216,097	1,5388	-3,18202	0,0014625	0,0107562	yes
AN4746	ChrIII_A_nidulans_FGSC_A4:1112384-1113829	WT_5hasex	WT_veg	OK	51,403	67,8435	0,400357	-0,785062	0,432417	0,698721	no
AN4747	ChrIII_A_nidulans_FGSC_A4:1110800-1111647	WT_5hasex	WT_veg	OK	45,7334	41,2644	-0,148352	0,271689	0,785861	0,912551	no
AN4748	ChrIII_A_nidulans_FGSC_A4:1109329-1110610	WT_5hasex	WT_veg	OK	32,9206	142,237	2,11123	-4,17753	2,9469E-05	0,00037784	yes
AN4749	ChrIII_A_nidulans_FGSC_A4:1103723-1108661	WT_5hasex	WT_veg	OK	7,74119	7,35255	-0,0743104	0,145732	0,884133	0,955955	no
AN4750	ChrIII_A_nidulans_FGSC_A4:1101184-1102741	WT_5hasex	WT_veg	OK	24,8117	36,0509	0,539013	-1,01524	0,30999	0,586403	no
AN4751	ChrIII_A_nidulans_FGSC_A4:1098756-1099821	WT_5hasex	WT_veg	OK	12,1233	63,3113	2,38468	-3,7367	0,00018645	0,00187567	yes
AN4752	ChrIII_A_nidulans_FGSC_A4:1095472-1098426	WT_5hasex	WT_veg	OK	7,53056	9,67403	0,36136	-0,551208	0,581491	0,802003	no
AN4753	ChrIII_A_nidulans_FGSC_A4:1095472-1098426	WT_5hasex	WT_veg	OK	90,4555	93,1262	0,0419777	-0,0826324	0,934144	0,975159	no
AN4754	ChrIII_A_nidulans_FGSC_A4:1092702-1095305	WT_5hasex	WT_veg	OK	31,8691	45,1233	0,501715	-0,95109	0,341559	0,617169	no
AN4755	ChrIII_A_nidulans_FGSC_A4:1092702-1095305	WT_5hasex	WT_veg	OK	434,932	576,997	0,407776	-0,747611	0,454695	0,715996	no
AN4757	ChrIII_A_nidulans_FGSC_A4:1086664-1087662	WT_5hasex	WT_veg	OK	114,757	223,272	0,960216	-1,91246	0,055817	0,191862	no
AN4758	ChrIII_A_nidulans_FGSC_A4:1085879-1086495	WT_5hasex	WT_veg	OK	136,223	289,344	1,08682	-2,19337	0,0282809	0,115834	no
AN4759	ChrIII_A_nidulans_FGSC_A4:1082456-1084473	WT_5hasex	WT_veg	OK	32,7917	42,0371	0,358332	-0,737726	0,460681	0,720627	no
AN4760	ChrIII_A_nidulans_FGSC_A4:1079833-1081538	WT_5hasex	WT_veg	OK	22,1221	53,5094	1,27431	-2,48924	0,0128015	0,0633152	no
AN4762	ChrIII_A_nidulans_FGSC_A4:1074841-1075760	WT_5hasex	WT_veg	OK	1383,07	1042,28	-0,408138	0,714741	0,474769	0,731408	no
AN4763	ChrIII_A_nidulans_FGSC_A4:1072335-1074596	WT_5hasex	WT_veg	OK	58,6826	56,0804	-0,0654353	0,135871	0,891923	0,958838	no
AN4764	ChrIII_A_nidulans_FGSC_A4:1067509-1070140	WT_5hasex	WT_veg	OK	10,2419	27,7831	1,43973	-2,69615	0,00701459	0,039195	yes
AN4766	ChrIII_A_nidulans_FGSC_A4:1061667-1062752	WT_5hasex	WT_veg	OK	25,4723	33,2314	0,383618	-0,702443	0,482403	0,736927	no
AN4767	ChrIII_A_nidulans_FGSC_A4:1056860-1059623	WT_5hasex	WT_veg	OK	8,62877	12,7943	0,568279	-1,03009	0,302967	0,578822	no
AN4768	ChrIII_A_nidulans_FGSC_A4:1054805-1056787	WT_5hasex	WT_veg	OK	30,9578	38,0647	0,298151	-0,609432	0,542238	0,777156	no
AN4771	ChrIII_A_nidulans_FGSC_A4:1037464-1039236	WT_5hasex	WT_veg	OK	11,5678	56,369	2,28479	-4,06778	4,7463E-05	0,00057163	yes
AN4773	ChrIII_A_nidulans_FGSC_A4:1030674-1032770	WT_5hasex	WT_veg	NOTEST	1,08435	1,45776	0,426921	-0,403202	0,686799	1	no
AN4774	ChrIII_A_nidulans_FGSC_A4:1027121-1028857	WT_5hasex	WT_veg	OK	13,2944	26,2984	0,984157	-1,77299	0,0762298	0,239602	no
AN4775	ChrIII_A_nidulans_FGSC_A4:1024305-1026208	WT_5hasex	WT_veg	OK	143,942	180,682	0,327967	-0,661672	0,508181	0,755003	no
AN4776	ChrIII_A_nidulans_FGSC_A4:1023330-1024197	WT_5hasex	WT_veg	OK	24,6666	57,3325	1,2168	-2,11448	0,0344746	0,135159	no
AN4777	ChrIII_A_nidulans_FGSC_A4:1021542-1022425	WT_5hasex	WT_veg	OK	1454,41	2857,34	0,97424	-1,67466	0,0940012	0,277169	no
AN4778	ChrIII_A_nidulans_FGSC_A4:1019203-1021128	WT_5hasex	WT_veg	OK	49,184	111,589	1,18193	-2,41878	0,0155727	0,0735675	no
AN4779	ChrIII_A_nidulans_FGSC_A4:1017139-1018377	WT_5hasex	WT_veg	OK	81,2339	103,692	0,352147	-0,644705	0,519118	0,762866	no
AN4780	ChrIII_A_nidulans_FGSC_A4:1015053-1015986	WT_5hasex	WT_veg	OK	215,18	396,756	0,882707	-1,82028	0,0687165	0,222484	no
AN4781	ChrIII_A_nidulans_FGSC_A4:1013761-1014631	WT_5hasex	WT_veg	OK	73,4557	196,462	1,41931	-2,90842	0,00363257	0,0229342	yes
AN4782	ChrIII_A_nidulans_FGSC_A4:1012091-1013200	WT_5hasex	WT_veg	OK	57,9074	189,273	1,70865	-3,47327	0,00051415	0,00445846	yes
AN4784	ChrIII_A_nidulans_FGSC_A4:1003036-1005643	WT_5hasex	WT_veg	OK	141,168	77,1396	-0,871868	1,70999	0,0872672	0,263511	no
AN4785	ChrIII_A_nidulans_FGSC_A4:999721-1002489	WT_5hasex	WT_veg	OK	31,4192	48,6557	0,630962	-1,30169	0,193023	0,444743	no
AN4786	ChrIII_A_nidulans_FGSC_A4:995564-996857	WT_5hasex	WT_veg	OK	30,8413	43,4464	0,494371	-0,951408	0,341397	0,61702	no
AN4788	ChrIII_A_nidulans_FGSC_A4:992584-993985	WT_5hasex	WT_veg	OK	16,8713	43,7418	1,37444	-2,52605	0,0115353	0,0583355	no
AN4791	ChrIII_A_nidulans_FGSC_A4:978159-981737	WT_5hasex	WT_veg	OK	7,54332	17,2394	1,19244	-2,19533	0,02814	0,115419	no
AN4792	ChrIII_A_nidulans_FGSC_A4:975342-977212	WT_5hasex	WT_veg	OK	13,1959	36,2557	1,45812	-2,61653	0,00888274	0,0474585	yes
AN4793	ChrIII_A_nidulans_FGSC_A4:973585-975095	WT_5hasex	WT_veg	OK	162,451	243,648	0,584795	-1,09081	0,275358	0,54842	no
AN4794	ChrIII_A_nidulans_FGSC_A4:970078-971522	WT_5hasex	WT_veg	OK	1586,14	2167,57	0,450556	-0,723487	0,469381	0,727676	no
AN4795	ChrIII_A_nidulans_FGSC_A4:963185-964733	WT_5hasex	WT_veg	OK	32,595	66,5499	1,02979	-1,84744	0,0646838	0,213178	no
AN4796	ChrIII_A_nidulans_FGSC_A4:962151-962835	WT_5hasex	WT_veg	OK	47,676	76,0055	0,672839	-1,23962	0,215118	0,474856	no
AN4797	ChrIII_A_nidulans_FGSC_A4:959890-961982	WT_5hasex	WT_veg	OK	17,5658	27,0415	0,622406	-1,22174	0,221806	0,483364	no
AN4799	ChrIII_A_nidulans_FGSC_A4:952237-954473	WT_5hasex	WT_veg	OK	29,5373	54,9702	0,896111	-1,82056	0,0686744	0,222484	no
AN4800	ChrIII_A_nidulans_FGSC_A4:949518-951818	WT_5hasex	WT_veg	OK	34,0526	37,0498	0,121701	-0,233199	0,815607	0,926118	no
AN4801	ChrIII_A_nidulans_FGSC_A4:946928-949193	WT_5hasex	WT_veg	OK	10,1173	29,4225	1,5401	-2,53006	0,0114044	0,0577964	no
AN4802	ChrIII_A_nidulans_FGSC_A4:942795-944037	WT_5hasex	WT_veg	OK	764,524	1396,34	0,869012	-1,53763	0,124138	0,334744	no
AN4803	ChrIII_A_nidulans_FGSC_A4:941516-942583	WT_5hasex	WT_veg	OK	1227,73	2059,18	0,746072	-1,29186	0,196404	0,449391	no
AN4804	ChrIII_A_nidulans_FGSC_A4:940421-941419	WT_5hasex	WT_veg	OK	19,2432	33,7599	0,810963	-1,39797	0,162121	0,398269	no
AN4805	ChrIII_A_nidulans_FGSC_A4:938862-940084	WT_5hasex	WT_veg	OK	16,0531	33,1231	1,04498	-1,85235	0,0639761	0,211432	no
AN4806	ChrIII_A_nidulans_FGSC_A4:937536-938456	WT_5hasex	WT_veg	OK	31,6711	32,2148	0,0245583	-0,0434247	0,965363	0,987332	no
AN4807	ChrIII_A_nidulans_FGSC_A4:935652-936923	WT_5hasex	WT_veg	OK	6,2271	26,6704	2,09861	-3,10809	0,00188302	0,0132662	yes

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AN4809	ChrIII_A_nidulans_FGSC_A4:922910-925502	WT_5hasex	WT_veg	OK	17,4542	2,12439	-3,03845	4,78288	1,728E-06	3,0113E-05	yes
AN4810	ChrIII_A_nidulans_FGSC_A4:920812-922707	WT_5hasex	WT_veg	OK	16,7099	32,0854	0,941214	-1,67727	0,0934906	0,276239	no
AN4811	ChrIII_A_nidulans_FGSC_A4:918956-920423	WT_5hasex	WT_veg	OK	5,18148	7,56345	0,545679	-0,743638	0,457096	0,717999	no
AN4812	ChrIII_A_nidulans_FGSC_A4:916659-917262	WT_5hasex	WT_veg	OK	58,0627	93,5659	0,688371	-1,18741	0,235065	0,500258	no
AN4813	ChrIII_A_nidulans_FGSC_A4:913069-916377	WT_5hasex	WT_veg	OK	8,59616	13,6566	0,667833	-1,22746	0,219651	0,480884	no
AN4814	ChrIII_A_nidulans_FGSC_A4:911040-912707	WT_5hasex	WT_veg	OK	47,513	125,361	1,39969	-2,89186	0,0038297	0,0239537	yes
AN4815	ChrIII_A_nidulans_FGSC_A4:905500-906825	WT_5hasex	WT_veg	NOTEST	0,855157	1,05502	0,303009	-0,246645	0,805183	1	no
AN4816	ChrIII_A_nidulans_FGSC_A4:903532-905298	WT_5hasex	WT_veg	OK	27,8315	24,5035	-0,18373	0,359366	0,719321	0,879753	no
AN4817	ChrIII_A_nidulans_FGSC_A4:899424-902186	WT_5hasex	WT_veg	OK	223,79	238,611	0,0925117	-0,177155	0,859387	0,9454	no
AN4818	ChrIII_A_nidulans_FGSC_A4:894629-898602	WT_5hasex	WT_veg	OK	22,4645	53,749	1,25859	-2,59894	0,00935112	0,049372	yes
AN4820	ChrIII_A_nidulans_FGSC_A4:889284-890910	WT_5hasex	WT_veg	OK	47,4253	104,707	1,14263	-2,06687	0,038746	0,147331	no
AN4821	ChrIII_A_nidulans_FGSC_A4:886050-888126	WT_5hasex	WT_veg	OK	8,39828	24,8466	1,56488	-2,64063	0,00827513	0,0447968	yes
AN4822	ChrIII_A_nidulans_FGSC_A4:884607-885815	WT_5hasex	WT_veg	OK	1025,75	4127,75	2,00867	-3,33793	0,00084404	0,00680141	yes
AN4823	ChrIII_A_nidulans_FGSC_A4:870786-872291	WT_5hasex	WT_veg	NOTEST	1,15599	1,18442	0,0350465	-0,0315263	0,97485	1	no
AN4824	ChrIII_A_nidulans_FGSC_A4:869042-870560	WT_5hasex	WT_veg	OK	49,6025	62,9536	0,343875	-0,707656	0,479159	0,734436	no
AN4825	ChrIII_A_nidulans_FGSC_A4:864632-868335	WT_5hasex	WT_veg	NOTEST	1,25639	3,71388	1,56364	-2,13922	0,032418	1	no
AN4826	ChrIII_A_nidulans_FGSC_A4:862083-863556	WT_5hasex	WT_veg	NOTEST	0,723895	0,594933	-0,283051	0,18959	0,849631	1	no
AN4827	ChrIII_A_nidulans_FGSC_A4:857929-861299	WT_5hasex	WT_veg	NOTEST	1,27456	2,68656	1,07577	-1,40251	0,160763	1	no
AN4829	ChrIII_A_nidulans_FGSC_A4:850727-852107	WT_5hasex	WT_veg	NOTEST	0,90369	2,44216	1,43426	-1,32118	0,186442	1	no
AN4830	ChrIII_A_nidulans_FGSC_A4:849309-850506	WT_5hasex	WT_veg	OK	29,5386	31,7064	0,102176	-0,197466	0,843463	0,937973	no
AN4831	ChrIII_A_nidulans_FGSC_A4:847522-848897	WT_5hasex	WT_veg	OK	17,6675	47,3576	1,4225	-2,51505	0,0119015	0,0597893	no
AN4832	ChrIII_A_nidulans_FGSC_A4:845407-846961	WT_5hasex	WT_veg	OK	12,074	25,2969	1,06706	-1,82919	0,067371	0,219414	no
AN4833	ChrIII_A_nidulans_FGSC_A4:843728-844776	WT_5hasex	WT_veg	OK	191,864	95,4631	-1,00707	1,97484	0,0482859	0,173342	no
AN4834	ChrIII_A_nidulans_FGSC_A4:841057-842656	WT_5hasex	WT_veg	OK	14,6574	18,6429	0,346992	-0,633716	0,526266	0,767364	no
AN4835	ChrIII_A_nidulans_FGSC_A4:839594-840739	WT_5hasex	WT_veg	OK	9,61026	24,0942	1,32604	-2,12747	0,0333808	0,131778	no
AN4836	ChrIII_A_nidulans_FGSC_A4:836865-839101	WT_5hasex	WT_veg	OK	25,939	36,3541	0,486998	-0,953513	0,34033	0,615984	no
AN4837	ChrIII_A_nidulans_FGSC_A4:833914-836302	WT_5hasex	WT_veg	OK	21,069	100,648	2,25612	-4,177	2,9538E-05	0,00037864	yes
AN4838	ChrIII_A_nidulans_FGSC_A4:831157-831808	WT_5hasex	WT_veg	OK	15,81	42,7546	1,43524	-2,30498	0,0211677	0,0931189	no
AN4839	ChrIII_A_nidulans_FGSC_A4:826903-828559	WT_5hasex	WT_veg	OK	14,7678	9,40266	-0,651317	1,04311	0,296898	0,572197	no
AN4840	ChrIII_A_nidulans_FGSC_A4:820511-824275	WT_5hasex	WT_veg	OK	38,5996	47,5457	0,300728	-0,589019	0,555849	0,785882	no
AN4842	ChrIII_A_nidulans_FGSC_A4:818467-820139	WT_5hasex	WT_veg	OK	189,955	127,633	-0,573656	1,077	0,28148	0,555205	no
AN4845	ChrIII_A_nidulans_FGSC_A4:810650-811832	WT_5hasex	WT_veg	OK	10,4569	10,7021	0,0334346	-0,0496731	0,960383	0,985323	no
AN4846	ChrIII_A_nidulans_FGSC_A4:807801-808746	WT_5hasex	WT_veg	OK	18,4122	16,8259	-0,12998	0,207191	0,835861	0,934811	no
AN4848	ChrIII_A_nidulans_FGSC_A4:802707-804525	WT_5hasex	WT_veg	OK	57,4641	131,948	1,19924	-2,30099	0,0213923	0,0937998	no
AN4849	ChrIII_A_nidulans_FGSC_A4:798411-799379	WT_5hasex	WT_veg	NOTEST	0,827765	1,29691	0,647782	-0,476822	0,633489	1	no
AN4850	ChrIII_A_nidulans_FGSC_A4:795216-797746	WT_5hasex	WT_veg	OK	21,2261	61,3983	1,53236	-3,10494	0,00190321	0,0133868	yes
AN4852	ChrIII_A_nidulans_FGSC_A4:785937-789121	WT_5hasex	WT_veg	OK	11,8042	15,1441	0,359452	-0,681571	0,49551	0,746524	no
AN4854	ChrIII_A_nidulans_FGSC_A4:779196-780454	WT_5hasex	WT_veg	OK	49,0794	82,9158	0,756528	-1,51014	0,131008	0,346966	no
AN4855	ChrIII_A_nidulans_FGSC_A4:773826-774874	WT_5hasex	WT_veg	OK	5,86816	2,54752	-1,20382	1,20762	0,227195	0,490119	no
AN4857	ChrIII_A_nidulans_FGSC_A4:763316-765430	WT_5hasex	WT_veg	OK	57,4108	53,4075	-0,104281	0,209435	0,834109	0,93403	no
AN4861	ChrIII_A_nidulans_FGSC_A4:740254-741964	WT_5hasex	WT_veg	OK	41,6911	142,44	1,77254	-3,68027	0,00023299	0,0022706	yes
AN4863	ChrIII_A_nidulans_FGSC_A4:737433-738076	WT_5hasex	WT_veg	OK	178,384	280,492	0,652973	-1,23483	0,216893	0,477031	no
AN4864	ChrIII_A_nidulans_FGSC_A4:735396-737291	WT_5hasex	WT_veg	OK	12,4968	23,6551	0,920594	-1,64528	0,0999116	0,289178	no
AN4865	ChrIII_A_nidulans_FGSC_A4:732817-735062	WT_5hasex	WT_veg	OK	184,154	763,047	2,05086	-3,87271	0,00010763	0,00117037	yes
AN4866	ChrIII_A_nidulans_FGSC_A4:730213-732090	WT_5hasex	WT_veg	OK	137,709	104,786	-0,394175	0,799756	0,423852	0,691701	no
AN4868	ChrIII_A_nidulans_FGSC_A4:725080-726337	WT_5hasex	WT_veg	OK	12,5515	57,5106	2,19597	-3,76002	0,0001699	0,00173281	yes
AN4869	ChrIII_A_nidulans_FGSC_A4:723519-724726	WT_5hasex	WT_veg	OK	291,504	537,602	0,883021	-1,77368	0,0761164	0,2393	no
AN4870	ChrIII_A_nidulans_FGSC_A4:721386-722103	WT_5hasex	WT_veg	OK	8,19188	24,6426	1,58889	-2,19071	0,028473	0,116402	no
AN4873	ChrIII_A_nidulans_FGSC_A4:713135-715437	WT_5hasex	WT_veg	OK	89,9962	170,254	0,919751	-1,76143	0,0781657	0,243859	no
AN4874	ChrIII_A_nidulans_FGSC_A4:710504-712347	WT_5hasex	WT_veg	OK	30,3511	51,4503	0,761427	-1,50809	0,131532	0,347897	no
AN4875	ChrIII_A_nidulans_FGSC_A4:708762-710218	WT_5hasex	WT_veg	OK	63,6026	93,9252	0,562426	-1,1375	0,255328	0,524652	no
AN4876	ChrIII_A_nidulans_FGSC_A4:704529-708576	WT_5hasex	WT_veg	OK	27,5078	47,8562	0,798865	-1,67517	0,0939009	0,277029	no
AN4877	ChrIII_A_nidulans_FGSC_A4:699015-700690	WT_5hasex	WT_veg	OK	11,958	20,0474	0,745445	-1,32089	0,18654	0,435705	no

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AN4878	ChrIII_A_nidulans_FGSC_A4:694356-697751	WT_5hasex	WT_veg	OK	149,435	827,035	2,46843	-4,34496	1,393E-05	0,00019347	yes
AN4879	ChrIII_A_nidulans_FGSC_A4:691420-692042	WT_5hasex	WT_veg	OK	7,92307	21,9151	1,46779	-1,92546	0,0541714	0,187781	no
AN4880	ChrIII_A_nidulans_FGSC_A4:687790-690384	WT_5hasex	WT_veg	OK	76,9161	170,384	1,14743	-2,2434	0,0248713	0,104961	no
AN4881	ChrIII_A_nidulans_FGSC_A4:684451-685610	WT_5hasex	WT_veg	OK	37,6629	70,9294	0,913241	-1,76297	0,0779056	0,243363	no
AN4883	ChrIII_A_nidulans_FGSC_A4:678489-681150	WT_5hasex	WT_veg	OK	8,72624	12,1536	0,477955	-0,865958	0,386513	0,660113	no
AN4884	ChrIII_A_nidulans_FGSC_A4:675505-678013	WT_5hasex	WT_veg	OK	26,6463	37,0432	0,475274	-0,969461	0,332315	0,608689	no
AN4886	ChrIII_A_nidulans_FGSC_A4:661193-668978	WT_5hasex	WT_veg	OK	31,8015	50,2374	0,659668	-1,31328	0,189089	0,439338	no
AN4889	ChrIII_A_nidulans_FGSC_A4:656520-657614	WT_5hasex	WT_veg	OK	44,935	203,595	2,1798	-4,28622	1,8174E-05	0,00024602	yes
AN4890	ChrIII_A_nidulans_FGSC_A4:650648-654106	WT_5hasex	WT_veg	OK	26,8235	121,055	2,17409	-4,51279	6,3982E-06	9,6483E-05	yes
AN4891	ChrIII_A_nidulans_FGSC_A4:648817-649815	WT_5hasex	WT_veg	OK	105,973	256,657	1,27614	-2,58801	0,00965311	0,050645	no
AN4892	ChrIII_A_nidulans_FGSC_A4:644738-648455	WT_5hasex	WT_veg	OK	11,3759	20,538	0,852313	-1,6887	0,0912772	0,271494	no
AN4894	ChrIII_A_nidulans_FGSC_A4:635820-639833	WT_5hasex	WT_veg	OK	19,968	37,2422	0,899248	-1,86032	0,0628401	0,20873	no
AN4895	ChrIII_A_nidulans_FGSC_A4:634452-635202	WT_5hasex	WT_veg	OK	90,712	166,367	0,875	-1,77023	0,0766881	0,240592	no
AN4896	ChrIII_A_nidulans_FGSC_A4:631835-633213	WT_5hasex	WT_veg	OK	69,0042	129,177	0,904592	-1,8601	0,0628719	0,208771	no
AN4897	ChrIII_A_nidulans_FGSC_A4:626914-628288	WT_5hasex	WT_veg	OK	558,553	1494	1,41941	-2,47953	0,0131556	0,064682	no
AN4898	ChrIII_A_nidulans_FGSC_A4:623682-626585	WT_5hasex	WT_veg	OK	7,6578	14,8192	0,95247	-1,66167	0,0965789	0,282325	no
AN4899	ChrIII_A_nidulans_FGSC_A4:621986-623601	WT_5hasex	WT_veg	OK	34,163	226,845	2,7312	-5,58373	2,3542E-08	6,2972E-07	yes
AN4901	ChrIII_A_nidulans_FGSC_A4:612548-615203	WT_5hasex	WT_veg	OK	26,9426	69,0724	1,35822	-2,73156	0,00630362	0,0359789	yes
AN4902	ChrIII_A_nidulans_FGSC_A4:610263-611555	WT_5hasex	WT_veg	OK	23,858	38,908	0,705591	-1,35453	0,175569	0,419959	no
AN4903	ChrIII_A_nidulans_FGSC_A4:608441-610067	WT_5hasex	WT_veg	OK	8,44473	44,4422	2,39581	-3,99036	6,5973E-05	0,00076299	yes
AN4904	ChrIII_A_nidulans_FGSC_A4:605749-608211	WT_5hasex	WT_veg	OK	12,0315	36,0487	1,58313	-2,91825	0,00352007	0,0223641	yes
AN4906	ChrIII_A_nidulans_FGSC_A4:599084-601111	WT_5hasex	WT_veg	OK	67,3571	147,703	1,1328	-2,24807	0,024572	0,103992	no
AN4907	ChrIII_A_nidulans_FGSC_A4:594505-597601	WT_5hasex	WT_veg	OK	6,91394	17,0396	1,30131	-2,32719	0,0199549	0,0890241	no
AN4908	ChrIII_A_nidulans_FGSC_A4:589753-593698	WT_5hasex	WT_veg	OK	32,9716	113,327	1,7812	-3,53178	0,00041278	0,00369436	yes
AN4909	ChrIII_A_nidulans_FGSC_A4:588240-589291	WT_5hasex	WT_veg	OK	7,83685	20,8426	1,41119	-2,03051	0,0423046	0,157158	no
AN4910	ChrIII_A_nidulans_FGSC_A4:585367-587753	WT_5hasex	WT_veg	OK	32,9474	84,7512	1,36307	-2,78185	0,00540492	0,0316563	yes
AN4911	ChrIII_A_nidulans_FGSC_A4:583797-584952	WT_5hasex	WT_veg	OK	277,792	988,117	1,83068	-3,50088	0,00046372	0,00408422	yes
AN4912	ChrIII_A_nidulans_FGSC_A4:582293-583350	WT_5hasex	WT_veg	OK	24,2724	54,5764	1,16896	-2,06582	0,0388452	0,147623	no
AN4914	ChrIII_A_nidulans_FGSC_A4:576037-577803	WT_5hasex	WT_veg	OK	20,1711	91,7608	2,18559	-4,12726	3,6711E-05	0,00045792	yes
AN4916	ChrIII_A_nidulans_FGSC_A4:562760-564000	WT_5hasex	WT_veg	OK	850,227	1377,92	0,69657	-1,24673	0,212495	0,471476	no
AN4918	ChrIII_A_nidulans_FGSC_A4:558281-560434	WT_5hasex	WT_veg	OK	24,7643	110,871	2,16254	-4,10776	3,9952E-05	0,00049283	yes
AN4919	ChrIII_A_nidulans_FGSC_A4:558281-560434	WT_5hasex	WT_veg	OK	105,76	155,912	0,559935	-1,15376	0,248599	0,516742	no
AN4921	ChrIII_A_nidulans_FGSC_A4:548328-550159	WT_5hasex	WT_veg	OK	2,46709	1,22349	-1,01181	1,11878	0,263233	0,534032	no
AN4922	ChrIII_A_nidulans_FGSC_A4:546094-548056	WT_5hasex	WT_veg	OK	6,43332	16,8289	1,38731	-2,04332	0,0410206	0,153546	no
AN4923	ChrIII_A_nidulans_FGSC_A4:542980-544797	WT_5hasex	WT_veg	OK	165,648	71,3544	-1,21505	2,35554	0,0184959	0,0838732	no
AN4924	ChrIII_A_nidulans_FGSC_A4:541119-541619	WT_5hasex	WT_veg	NOTEST	0,63213	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN4925	ChrIII_A_nidulans_FGSC_A4:536695-539405	WT_5hasex	WT_veg	OK	27,2289	33,3042	0,290562	-0,5955	0,551509	0,783066	no
AN4926	ChrIII_A_nidulans_FGSC_A4:531953-535410	WT_5hasex	WT_veg	OK	9,32938	10,3749	0,153243	-0,292045	0,770252	0,905596	no
AN4927	ChrIII_A_nidulans_FGSC_A4:528834-529564	WT_5hasex	WT_veg	OK	549,185	854,203	0,637286	-1,26577	0,205595	0,462195	no
AN4928	ChrIII_A_nidulans_FGSC_A4:526744-527939	WT_5hasex	WT_veg	OK	55,7445	155,419	1,47926	-3,02473	0,00248852	0,0167463	yes
AN4929	ChrIII_A_nidulans_FGSC_A4:523243-526332	WT_5hasex	WT_veg	OK	86,1569	273,344	1,66568	-3,07015	0,00213949	0,0147737	yes
AN4930	ChrIII_A_nidulans_FGSC_A4:515720-517098	WT_5hasex	WT_veg	OK	46,6824	111,031	1,25001	-2,56978	0,0101762	0,0528133	no
AN4931	ChrIII_A_nidulans_FGSC_A4:514594-515631	WT_5hasex	WT_veg	OK	31,0539	42,4539	0,45112	-0,841439	0,400102	0,672325	no
AN4933	ChrIII_A_nidulans_FGSC_A4:511110-512237	WT_5hasex	WT_veg	OK	10,7576	21,4212	0,993676	-1,55205	0,120651	0,328725	no
AN4934	ChrIII_A_nidulans_FGSC_A4:509751-510854	WT_5hasex	WT_veg	OK	15,7504	38,1092	1,27475	-2,16012	0,0307636	0,12373	no
AN4935	ChrIII_A_nidulans_FGSC_A4:506800-508821	WT_5hasex	WT_veg	OK	357,311	347,961	-0,0382572	0,0726793	0,942061	0,978386	no
AN4936	ChrIII_A_nidulans_FGSC_A4:501678-504118	WT_5hasex	WT_veg	OK	41,2655	88,7173	1,10428	-2,28457	0,0223382	0,0968131	no
AN4937	ChrIII_A_nidulans_FGSC_A4:498330-501311	WT_5hasex	WT_veg	OK	248,078	641,978	1,37173	-2,6091	0,00907811	0,0482662	yes
AN4938	ChrIII_A_nidulans_FGSC_A4:498330-501311	WT_5hasex	WT_veg	OK	57,1616	75,5542	0,402466	-0,817655	0,413554	0,682978	no
AN4939	ChrIII_A_nidulans_FGSC_A4:494985-496130	WT_5hasex	WT_veg	OK	129,595	201,222	0,634776	-1,31214	0,189473	0,439981	no
AN4940	ChrIII_A_nidulans_FGSC_A4:492910-494973	WT_5hasex	WT_veg	OK	403,066	2325,18	2,52826	-4,38237	1,174E-05	0,00016541	yes
AN4941	ChrIII_A_nidulans_FGSC_A4:489940-492318	WT_5hasex	WT_veg	OK	41,62	53,503	0,362345	-0,673188	0,500827	0,750259	no
AN4942	ChrIII_A_nidulans_FGSC_A4:489940-492318	WT_5hasex	WT_veg	OK	414,92	673,294	0,698403	-1,32112	0,186461	0,435606	no

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AN4943	ChrIII_A_nidulans_FGSC_A4:487296-489720	WT_5hasex	WT_veg	OK	11,3648	15,6824	0,464567	-0,879184	0,379301	0,653928	no
AN4944	ChrIII_A_nidulans_FGSC_A4:485549-486970	WT_5hasex	WT_veg	OK	5,58696	17,1608	1,61898	-2,4255	0,0152871	0,072548	no
AN4945	ChrIII_A_nidulans_FGSC_A4:481731-484023	WT_5hasex	WT_veg	OK	38,6441	97,5589	1,33602	-2,78611	0,00533441	0,0313238	yes
AN4946	ChrIII_A_nidulans_FGSC_A4:480447-480983	WT_5hasex	WT_veg	OK	57,7716	398,435	2,78591	-5,29819	1,1695E-07	2,6798E-06	yes
AN4947	ChrIII_A_nidulans_FGSC_A4:479287-480115	WT_5hasex	WT_veg	OK	139,574	232,858	0,738418	-1,53621	0,124488	0,33548	no
AN4948	ChrIII_A_nidulans_FGSC_A4:478096-479219	WT_5hasex	WT_veg	OK	34,1902	64,1409	0,907663	-1,70495	0,088204	0,265392	no
AN4949	ChrIII_A_nidulans_FGSC_A4:475324-477567	WT_5hasex	WT_veg	OK	12,0239	8,06735	-0,575743	1,04788	0,294696	0,56944	no
AN4950	ChrIII_A_nidulans_FGSC_A4:473336-474343	WT_5hasex	WT_veg	OK	181,337	462,949	1,35218	-2,78497	0,00535334	0,0313963	yes
AN4951	ChrIII_A_nidulans_FGSC_A4:469850-473159	WT_5hasex	WT_veg	OK	40,7009	68,3565	0,748018	-1,54502	0,12234	0,33186	no
AN4952	ChrIII_A_nidulans_FGSC_A4:464998-468632	WT_5hasex	WT_veg	OK	23,4825	29,5614	0,332131	-0,688827	0,490932	0,743306	no
AN4953	ChrIII_A_nidulans_FGSC_A4:462096-463728	WT_5hasex	WT_veg	OK	62,101	134,819	1,11834	-2,29109	0,021958	0,0956559	no
AN4954	ChrIII_A_nidulans_FGSC_A4:461301-462011	WT_5hasex	WT_veg	OK	79,7486	216,773	1,44266	-2,89141	0,00383512	0,0239676	yes
AN4955	ChrIII_A_nidulans_FGSC_A4:459553-460987	WT_5hasex	WT_veg	OK	66,8683	148,395	1,15005	-2,3867	0,0170006	0,0787575	no
AN4956	ChrIII_A_nidulans_FGSC_A4:456265-458626	WT_5hasex	WT_veg	OK	88,9315	152,446	0,777534	-1,50866	0,131386	0,347617	no
AN4958	ChrIII_A_nidulans_FGSC_A4:451887-453147	WT_5hasex	WT_veg	OK	12,9104	16,3461	0,340418	-0,582579	0,560177	0,789075	no
AN4959	ChrIII_A_nidulans_FGSC_A4:448834-451252	WT_5hasex	WT_veg	OK	6,23842	9,13324	0,549945	-0,936211	0,349164	0,624937	no
AN4960	ChrIII_A_nidulans_FGSC_A4:446253-447867	WT_5hasex	WT_veg	OK	34,8668	58,505	0,746706	-1,48607	0,13726	0,357995	no
AN4961	ChrIII_A_nidulans_FGSC_A4:445143-445957	WT_5hasex	WT_veg	OK	25,978	53,4425	1,0407	-1,8766	0,0605725	0,203691	no
AN4962	ChrIII_A_nidulans_FGSC_A4:444180-444911	WT_5hasex	WT_veg	OK	55,9274	54,2542	-0,0438204	0,0809594	0,935474	0,975645	no
AN4963	ChrIII_A_nidulans_FGSC_A4:438806-442342	WT_5hasex	WT_veg	OK	51,2222	55,0078	0,102868	-0,210481	0,833292	0,933784	no
AN4964	ChrIII_A_nidulans_FGSC_A4:436806-437858	WT_5hasex	WT_veg	OK	6,35736	10,486	0,721969	-1,03835	0,299108	0,574534	no
AN4965	ChrIII_A_nidulans_FGSC_A4:428679-435857	WT_5hasex	WT_veg	OK	25,5676	45,9647	0,846206	-1,74108	0,0816691	0,25127	no
AN4966	ChrIII_A_nidulans_FGSC_A4:426673-428017	WT_5hasex	WT_veg	OK	88,9919	286,896	1,68878	-3,36996	0,00075179	0,00615262	yes
AN4967	ChrIII_A_nidulans_FGSC_A4:423863-426490	WT_5hasex	WT_veg	OK	57,2535	107,167	0,904426	-1,86235	0,0625542	0,208151	no
AN4970	ChrIII_A_nidulans_FGSC_A4:416692-417103	WT_5hasex	WT_veg	OK	3,00666	0	-1.79769e+308	-1.79769e+308	0,0587576	0,199173	no
AN4971	ChrIII_A_nidulans_FGSC_A4:412368-415872	WT_5hasex	WT_veg	OK	11,2866	21,0574	0,899719	-1,78216	0,0747239	0,235941	no
AN4972	ChrIII_A_nidulans_FGSC_A4:408475-411719	WT_5hasex	WT_veg	OK	15,0312	37,8853	1,33368	-2,59693	0,0094062	0,0496429	yes
AN4973	ChrIII_A_nidulans_FGSC_A4:405771-407950	WT_5hasex	WT_veg	OK	67,5571	161,262	1,25523	-2,5895	0,00961145	0,050477	no
AN4974	ChrIII_A_nidulans_FGSC_A4:401936-403044	WT_5hasex	WT_veg	OK	13,082	12,4871	-0,0671387	0,106803	0,914945	0,967482	no
AN4975	ChrIII_A_nidulans_FGSC_A4:400031-401705	WT_5hasex	WT_veg	OK	28,5477	25,7002	-0,151594	0,295912	0,767297	0,904422	no
AN4976	ChrIII_A_nidulans_FGSC_A4:397692-399362	WT_5hasex	WT_veg	OK	411,23	649,107	0,658512	-1,22933	0,218947	0,479791	no
AN4977	ChrIII_A_nidulans_FGSC_A4:393945-396185	WT_5hasex	WT_veg	OK	32,7194	87,3266	1,41628	-2,90329	0,00369261	0,0232628	yes
AN4978	ChrIII_A_nidulans_FGSC_A4:391276-393465	WT_5hasex	WT_veg	OK	58,5265	111,084	0,924489	-1,89492	0,0581035	0,197467	no
AN4979	ChrIII_A_nidulans_FGSC_A4:389466-390603	WT_5hasex	WT_veg	OK	64,1858	167,666	1,38526	-2,8526	0,00433626	0,0265237	yes
AN4980	ChrIII_A_nidulans_FGSC_A4:386545-388560	WT_5hasex	WT_veg	OK	22,0051	40,9423	0,895755	-1,78515	0,0742373	0,234941	no
AN4982	ChrIII_A_nidulans_FGSC_A4:382031-383818	WT_5hasex	WT_veg	OK	23,619	21,9757	-0,104039	0,205969	0,836815	0,935164	no
AN4983	ChrIII_A_nidulans_FGSC_A4:377735-379543	WT_5hasex	WT_veg	OK	5,9867	13,8102	1,2059	-1,97288	0,0485094	0,173906	no
AN4984	ChrIII_A_nidulans_FGSC_A4:374434-376535	WT_5hasex	WT_veg	OK	64,3376	322,284	2,3246	-4,88521	1,0332E-06	1,8864E-05	yes
AN4985	ChrIII_A_nidulans_FGSC_A4:367936-371221	WT_5hasex	WT_veg	OK	4,92967	15,2443	1,6287	-2,84256	0,00447527	0,0272369	yes
AN4986	ChrIII_A_nidulans_FGSC_A4:366722-367615	WT_5hasex	WT_veg	OK	8,93763	18,0427	1,01345	-1,46395	0,143207	0,368015	no
AN4988	ChrIII_A_nidulans_FGSC_A4:360823-362729	WT_5hasex	WT_veg	OK	653,84	2289,89	1,80827	-3,02407	0,00249395	0,0167742	yes
AN4989	ChrIII_A_nidulans_FGSC_A4:358722-359772	WT_5hasex	WT_veg	OK	149,049	821,446	2,46238	-4,93018	8,2154E-07	1,5425E-05	yes
AN4990	ChrIII_A_nidulans_FGSC_A4:356508-357439	WT_5hasex	WT_veg	OK	74,7998	57,0355	-0,391174	0,797491	0,425166	0,692839	no
AN4992	ChrIII_A_nidulans_FGSC_A4:346962-348909	WT_5hasex	WT_veg	OK	15,4095	25,9653	0,752764	-1,37511	0,169096	0,40931	no
AN4993	ChrIII_A_nidulans_FGSC_A4:345825-346647	WT_5hasex	WT_veg	OK	16,7667	35,255	1,07223	-1,71091	0,0870984	0,263242	no
AN4994	ChrIII_A_nidulans_FGSC_A4:342146-344294	WT_5hasex	WT_veg	OK	7,94153	34,44	2,1166	-3,6288	0,00028474	0,00269865	yes
AN4995	ChrIII_A_nidulans_FGSC_A4:339806-341421	WT_5hasex	WT_veg	OK	56,4263	166,664	1,56251	-3,12268	0,00179211	0,0127422	yes
AN4996	ChrIII_A_nidulans_FGSC_A4:338461-339392	WT_5hasex	WT_veg	OK	29,0923	62,8393	1,11103	-2,05487	0,0398911	0,150569	no
AN4997	ChrIII_A_nidulans_FGSC_A4:336234-337760	WT_5hasex	WT_veg	OK	142,509	234,759	0,720131	-1,47259	0,140861	0,36392	no
AN4999	ChrIII_A_nidulans_FGSC_A4:329457-330464	WT_5hasex	WT_veg	OK	4,04961	11,8055	1,54361	-1,87421	0,0609016	0,204378	no
AN5000	ChrIII_A_nidulans_FGSC_A4:327814-328650	WT_5hasex	WT_veg	OK	3,42278	6,52206	0,930159	-1,07431	0,282682	0,556508	no
AN5002	ChrIII_A_nidulans_FGSC_A4:320245-320896	WT_5hasex	WT_veg	OK	4,45568	0	-1.79769e+308	-1.79769e+308	0,0407588	0,152866	no
AN5003	ChrIII_A_nidulans_FGSC_A4:313839-315809	WT_5hasex	WT_veg	OK	49,1743	70,1006	0,511522	-1,06823	0,285417	0,559537	no

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AN5004	ChrIII_A_nidulans_FGSC_A4:312092-312957	WT_5hasex	WT_veg	OK	845,313	3467,77	2,03645	-3,6947	0,00022015	0,00216355	yes
AN5005	ChrIII_A_nidulans_FGSC_A4:310048-311635	WT_5hasex	WT_veg	OK	11,4915	21,3172	0,891448	-1,55598	0,119714	0,327259	no
AN5007	ChrIII_A_nidulans_FGSC_A4:301309-302526	WT_5hasex	WT_veg	OK	57,5525	525,615	3,19106	-5,40977	6,3106E-08	1,5424E-06	yes
AN5008	ChrIII_A_nidulans_FGSC_A4:299254-299694	WT_5hasex	WT_veg	OK	171,531	140,257	-0,290391	0,533641	0,59359	0,80896	no
AN5009	ChrIII_A_nidulans_FGSC_A4:295867-298795	WT_5hasex	WT_veg	OK	14,5113	21,4968	0,566948	-1,09368	0,274097	0,546898	no
AN5010	ChrIII_A_nidulans_FGSC_A4:292850-294101	WT_5hasex	WT_veg	OK	19,6091	90,201	2,20162	-4,00484	6,2059E-05	0,0007238	yes
AN5011	ChrIII_A_nidulans_FGSC_A4:289241-292461	WT_5hasex	WT_veg	OK	133,73	89,4649	-0,579928	1,13957	0,254465	0,523824	no
AN5013	ChrIII_A_nidulans_FGSC_A4:279603-281753	WT_5hasex	WT_veg	OK	7,91954	9,05524	0,193335	-0,327549	0,743252	0,891991	no
AN5014	ChrIII_A_nidulans_FGSC_A4:278509-279516	WT_5hasex	WT_veg	OK	1009,67	1411,45	0,483297	-0,839308	0,401296	0,673101	no
AN5016	ChrIII_A_nidulans_FGSC_A4:273360-275116	WT_5hasex	WT_veg	NOTEST	0,138643	0,490078	1,82163	-0,801305	0,422955	1	no
AN5017	ChrIII_A_nidulans_FGSC_A4:271124-272441	WT_5hasex	WT_veg	OK	81,7933	592,011	2,85557	-5,10256	3,3508E-07	6,9266E-06	yes
AN5018	ChrIII_A_nidulans_FGSC_A4:268580-270104	WT_5hasex	WT_veg	OK	2,70005	5,69834	1,07755	-1,30445	0,192081	0,443333	no
AN5019	ChrIII_A_nidulans_FGSC_A4:264402-265735	WT_5hasex	WT_veg	OK	4,73864	3,70107	-0,356532	0,462473	0,643742	0,838034	no
AN5021	ChrIII_A_nidulans_FGSC_A4:258919-261428	WT_5hasex	WT_veg	OK	225,759	305,945	0,438492	-0,795693	0,426211	0,693428	no
AN5022	ChrIII_A_nidulans_FGSC_A4:258037-258854	WT_5hasex	WT_veg	OK	14,0614	20,7262	0,559718	-0,84601	0,397547	0,67043	no
AN5023	ChrIII_A_nidulans_FGSC_A4:255814-256772	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5024	ChrIII_A_nidulans_FGSC_A4:252984-254768	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5025	ChrIII_A_nidulans_FGSC_A4:250267-252157	WT_5hasex	WT_veg	OK	12,605	43,3189	1,781	-3,19269	0,00140952	0,0104221	yes
AN5026	ChrIII_A_nidulans_FGSC_A4:248210-249197	WT_5hasex	WT_veg	OK	7,8914	33,0468	2,06616	-3,15959	0,0015799	0,0114779	yes
AN5027	ChrIII_A_nidulans_FGSC_A4:244930-247007	WT_5hasex	WT_veg	OK	86,6949	94,3472	0,122032	-0,238635	0,811388	0,92443	no
AN5029	ChrIII_A_nidulans_FGSC_A4:234802-236470	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5030	ChrIII_A_nidulans_FGSC_A4:233019-234231	WT_5hasex	WT_veg	OK	0,776933	7,6819	3,3056	-3,46072	0,00053873	0,00463775	yes
AN5032	ChrIII_A_nidulans_FGSC_A4:228076-229687	WT_5hasex	WT_veg	NOTEST	0,462869	0,604671	0,385547	-0,24572	0,805899	1	no
AN5033	ChrIII_A_nidulans_FGSC_A4:223936-225918	WT_5hasex	WT_veg	OK	53,0691	72,3882	0,447883	-0,900003	0,368119	0,64294	no
AN5034	ChrIII_A_nidulans_FGSC_A4:220352-221604	WT_5hasex	WT_veg	OK	11,3544	2,72263	-2,06018	2,70514	0,00682749	0,0383754	yes
AN5035	ChrIII_A_nidulans_FGSC_A4:216105-218083	WT_5hasex	WT_veg	OK	6,0022	1,72743	-1,79686	2,26394	0,0235778	0,100878	no
AN5036	ChrIII_A_nidulans_FGSC_A4:210863-212006	WT_5hasex	WT_veg	OK	7,49045	34,899	2,22006	-3,41091	0,00064747	0,00542248	yes
AN5037	ChrIII_A_nidulans_FGSC_A4:204097-208224	WT_5hasex	WT_veg	OK	38,1973	120,26	1,65462	-2,54804	0,0108331	0,0555023	no
AN5038	ChrIII_A_nidulans_FGSC_A4:199490-200214	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5039	ChrIII_A_nidulans_FGSC_A4:195271-197830	WT_5hasex	WT_veg	NOTEST	0,203477	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN5040	ChrIII_A_nidulans_FGSC_A4:192398-195161	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5041	ChrIII_A_nidulans_FGSC_A4:189114-190680	WT_5hasex	WT_veg	NOTEST	0,111004	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN5044	ChrIII_A_nidulans_FGSC_A4:176261-178368	WT_5hasex	WT_veg	NOTEST	0,558701	1,6639	1,57442	-1,483	0,138075	1	no
AN5046	ChrIII_A_nidulans_FGSC_A4:170618-171174	WT_5hasex	WT_veg	OK	30,4737	0	-1.79769e+308	-1.79769e+308	0,0160461	0,0753311	no
AN5047	ChrIII_A_nidulans_FGSC_A4:165235-166227	WT_5hasex	WT_veg	NOTEST	0,737294	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN5048	ChrIII_A_nidulans_FGSC_A4:163107-165067	WT_5hasex	WT_veg	OK	14,2992	27,9456	0,966692	-1,78379	0,0744585	0,23533	no
AN5049	ChrIII_A_nidulans_FGSC_A4:159695-161442	WT_5hasex	WT_veg	OK	20,418	30,7582	0,591127	-1,13239	0,257469	0,527274	no
AN5050	ChrIII_A_nidulans_FGSC_A4:154146-156399	WT_5hasex	WT_veg	OK	98,7135	88,3093	-0,160682	0,30708	0,758782	0,900238	no
AN5051	ChrIII_A_nidulans_FGSC_A4:151998-152619	WT_5hasex	WT_veg	OK	145,107	36,7848	-1,97994	3,56947	0,0003577	0,00327009	yes
AN5052	ChrIII_A_nidulans_FGSC_A4:149505-151814	WT_5hasex	WT_veg	OK	62,5695	66,0472	0,0780385	-0,157541	0,874819	0,952095	no
AN5053	ChrIII_A_nidulans_FGSC_A4:145503-146544	WT_5hasex	WT_veg	OK	5,90212	30,3306	2,36147	-3,55062	0,00038433	0,00347245	yes
AN5054	ChrIII_A_nidulans_FGSC_A4:142756-143797	WT_5hasex	WT_veg	NOTEST	0,267414	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN5055	ChrIII_A_nidulans_FGSC_A4:139263-140797	WT_5hasex	WT_veg	OK	25,4572	73,8579	1,53668	-2,83922	0,00452246	0,0274575	yes
AN5056	ChrIII_A_nidulans_FGSC_A4:136015-136584	WT_5hasex	WT_veg	OK	3739,32	33212,2	3,15086	-3,83199	0,00012711	0,00135327	yes
AN5057	ChrIII_A_nidulans_FGSC_A4:132091-134147	WT_5hasex	WT_veg	OK	31,1806	52,6957	0,757035	-1,54579	0,122154	0,331613	no
AN5059	ChrIII_A_nidulans_FGSC_A4:125570-127028	WT_5hasex	WT_veg	NOTEST	0,163888	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN5060	ChrIII_A_nidulans_FGSC_A4:123150-124243	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5062	ChrIII_A_nidulans_FGSC_A4:114481-116143	WT_5hasex	WT_veg	NOTEST	0,159995	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN5063	ChrIII_A_nidulans_FGSC_A4:113393-114041	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5065	ChrIII_A_nidulans_FGSC_A4:100672-101167	WT_5hasex	WT_veg	NOTEST	0,457599	0,223071	-1,03658	0,126363	0,899445	1	no
AN5066	ChrIII_A_nidulans_FGSC_A4:98288-99921	WT_5hasex	WT_veg	NOTEST	0,453422	0,653532	0,527404	-0,255437	0,798386	1	no
AN5067	ChrIII_A_nidulans_FGSC_A4:94650-97066	WT_5hasex	WT_veg	OK	102,458	95,6902	-0,098587	0,199619	0,841779	0,937457	no
AN5068	ChrIII_A_nidulans_FGSC_A4:91202-93260	WT_5hasex	WT_veg	OK	76,2313	44,5186	-0,775975	1,53512	0,124753	0,335995	no

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AN5069	ChrIII_A_nidulans_FGSC_A4:88537-90142	WT_5hasex	WT_veg	OK	49,0297	22,7193	-1,10974	2,08424	0,0371382	0,142771	no
AN5070	ChrIII_A_nidulans_FGSC_A4:81391-83721	WT_5hasex	WT_veg	OK	3,91612	4,8878	0,31976	-0,473955	0,635532	0,833371	no
AN5071	ChrIII_A_nidulans_FGSC_A4:78670-80283	WT_5hasex	WT_veg	NOTEST	0,163919	0,642213	1,97007	-0,828734	0,407255	1	no
AN5072	ChrIII_A_nidulans_FGSC_A4:77879-78363	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5073	ChrIII_A_nidulans_FGSC_A4:75971-76924	WT_5hasex	WT_veg	NOTEST	0,307671	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN5074	ChrIII_A_nidulans_FGSC_A4:74337-75165	WT_5hasex	WT_veg	NOTEST	0,254209	1,577	2,63309	-1,18306	0,236787	1	no
AN5075	ChrIII_A_nidulans_FGSC_A4:67559-71552	WT_5hasex	WT_veg	OK	3,19652	1,58797	-1,00932	1,29327	0,195916	0,448684	no
AN5076	ChrIII_A_nidulans_FGSC_A4:65192-67241	WT_5hasex	WT_veg	OK	4,22007	1,72634	-1,28955	1,38676	0,165516	0,403938	no
AN5078	ChrIII_A_nidulans_FGSC_A4:55480-56772	WT_5hasex	WT_veg	OK	42,5301	67,3718	0,663661	-1,30581	0,191618	0,442708	no
AN5079	ChrIII_A_nidulans_FGSC_A4:54587-55197	WT_5hasex	WT_veg	OK	586,132	1209,25	1,04482	-1,9453	0,0517393	0,181816	no
AN5081	ChrIII_A_nidulans_FGSC_A4:47150-48303	WT_5hasex	WT_veg	OK	13,6869	28,5579	1,06109	-1,71038	0,0871962	0,263382	no
AN5082	ChrIII_A_nidulans_FGSC_A4:42803-44554	WT_5hasex	WT_veg	OK	4,34691	29,5693	2,76604	-3,66883	0,00024366	0,00236143	yes
AN5083	ChrIII_A_nidulans_FGSC_A4:39074-42183	WT_5hasex	WT_veg	OK	5,78066	29,3216	2,34266	-3,89341	9,8847E-05	0,001085	yes
AN5087	ChrIII_A_nidulans_FGSC_A4:26173-27606	WT_5hasex	WT_veg	OK	6,14897	8,55446	0,476332	-0,716601	0,473621	0,730476	no
AN5088	ChrIII_A_nidulans_FGSC_A4:17663-22414	WT_5hasex	WT_veg	OK	4,05329	2,0782	-0,96376	1,533	0,125275	0,336753	no
AN5089	ChrIII_A_nidulans_FGSC_A4:14734-15349	WT_5hasex	WT_veg	OK	4,02448	7,40232	0,879174	-1,0327	0,301745	0,577525	no
AN5090	ChrIII_A_nidulans_FGSC_A4:13083-13908	WT_5hasex	WT_veg	OK	205,988	743,131	1,85106	-3,67355	0,00023921	0,00232386	yes
AN5091	ChrIII_A_nidulans_FGSC_A4:10123-11768	WT_5hasex	WT_veg	NOTEST	0,91944	2,48121	1,43222	-1,3922	0,163861	1	no
AN5092	ChrIII_A_nidulans_FGSC_A4:1859-7010	WT_5hasex	WT_veg	OK	8,18511	1,37223	-2,57648	4,32838	1,5021E-05	0,00020736	yes
AN5093	ChrIII_A_nidulans_FGSC_A4:18-1365	WT_5hasex	WT_veg	OK	1,93247	1,04771	-0,883211	0,712646	0,476065	0,732244	no
AN5095	ChrV_A_nidulans_FGSC_A4:1137673-1138444	WT_5hasex	WT_veg	OK	0,91382	7,77088	3,0881	-2,98231	0,0028608	0,0187718	yes
AN5098	ChrV_A_nidulans_FGSC_A4:1152786-1154713	WT_5hasex	WT_veg	OK	61,7262	100,809	0,707665	-1,46923	0,14177	0,365297	no
AN5099	ChrV_A_nidulans_FGSC_A4:1157104-1158715	WT_5hasex	WT_veg	OK	170,179	225,407	0,405481	-0,763865	0,444948	0,708442	no
AN5100	ChrV_A_nidulans_FGSC_A4:1159411-1160962	WT_5hasex	WT_veg	OK	302,065	486,983	0,689014	-1,34565	0,178414	0,423733	no
AN5101	ChrV_A_nidulans_FGSC_A4:1161452-1162653	WT_5hasex	WT_veg	OK	7,68219	12,1858	0,665612	-0,99223	0,321085	0,597441	no
AN5102	ChrV_A_nidulans_FGSC_A4:1162965-1166371	WT_5hasex	WT_veg	OK	65,7896	145,596	1,14604	-2,33778	0,0193987	0,0869795	no
AN5103	ChrV_A_nidulans_FGSC_A4:1166777-1168810	WT_5hasex	WT_veg	OK	47,6993	145,102	1,60503	-3,32677	0,00087859	0,00704294	yes
AN5104	ChrV_A_nidulans_FGSC_A4:1169957-1172921	WT_5hasex	WT_veg	OK	59,1912	122,207	1,04587	-2,00141	0,0453482	0,165529	no
AN5107	ChrV_A_nidulans_FGSC_A4:1177488-1180014	WT_5hasex	WT_veg	OK	56,9121	62,8901	0,144096	-0,299865	0,76428	0,902888	no
AN5108	ChrV_A_nidulans_FGSC_A4:1180214-1182942	WT_5hasex	WT_veg	OK	20,3709	18,2503	-0,158588	0,319222	0,749558	0,89556	no
AN5109	ChrV_A_nidulans_FGSC_A4:1184058-1185054	WT_5hasex	WT_veg	OK	6,89382	40,3415	2,54889	-3,64665	0,00026568	0,00254559	yes
AN5110	ChrV_A_nidulans_FGSC_A4:1185650-1189819	WT_5hasex	WT_veg	OK	22,858	95,197	2,05822	-4,04091	5,3243E-05	0,00063238	yes
AN5111	ChrV_A_nidulans_FGSC_A4:1185650-1189819	WT_5hasex	WT_veg	OK	188,806	354,972	0,910805	-1,74275	0,0813767	0,250673	no
AN5112	ChrV_A_nidulans_FGSC_A4:1192565-1194740	WT_5hasex	WT_veg	OK	16,9916	37,8722	1,15632	-2,28206	0,0224858	0,0972506	no
AN5113	ChrV_A_nidulans_FGSC_A4:1195149-1196451	WT_5hasex	WT_veg	OK	72,3149	111,765	0,628106	-1,28012	0,200504	0,455188	no
AN5114	ChrV_A_nidulans_FGSC_A4:1196649-1197920	WT_5hasex	WT_veg	OK	19,1939	32,377	0,75432	-1,37912	0,167857	0,407488	no
AN5115	ChrV_A_nidulans_FGSC_A4:1199113-1200920	WT_5hasex	WT_veg	OK	13,44	30,8761	1,19995	-2,20736	0,0272891	0,112723	no
AN5116	ChrV_A_nidulans_FGSC_A4:1201504-1202470	WT_5hasex	WT_veg	OK	39,1779	82,88	1,08098	-2,07939	0,0375816	0,144033	no
AN5117	ChrV_A_nidulans_FGSC_A4:1209991-1210912	WT_5hasex	WT_veg	OK	2,48134	5,39479	1,12045	-1,12206	0,261835	0,532461	no
AN5118	ChrV_A_nidulans_FGSC_A4:1212389-1213351	WT_5hasex	WT_veg	OK	13,6839	36,3488	1,40943	-2,27283	0,0230362	0,0991247	no
AN5119	ChrV_A_nidulans_FGSC_A4:1213624-1214578	WT_5hasex	WT_veg	OK	27,5502	61,1259	1,14972	-2,03361	0,0419908	0,156256	no
AN5120	ChrV_A_nidulans_FGSC_A4:1215099-1216014	WT_5hasex	WT_veg	OK	4,61669	7,16333	0,633771	-0,820785	0,411769	0,681668	no
AN5121	ChrV_A_nidulans_FGSC_A4:1217648-1218845	WT_5hasex	WT_veg	OK	199,341	293,675	0,558983	-1,14059	0,254042	0,523324	no
AN5122	ChrV_A_nidulans_FGSC_A4:1219339-1220562	WT_5hasex	WT_veg	OK	230,495	217,696	-0,0824211	0,16458	0,869275	0,950004	no
AN5123	ChrV_A_nidulans_FGSC_A4:1220589-1221928	WT_5hasex	WT_veg	OK	69,0569	132,319	0,938163	-1,76662	0,0772921	0,24195	no
AN5124	ChrV_A_nidulans_FGSC_A4:1222444-1224649	WT_5hasex	WT_veg	OK	20,1601	13,1678	-0,614493	1,18068	0,237728	0,503229	no
AN5125	ChrV_A_nidulans_FGSC_A4:1225447-1226199	WT_5hasex	WT_veg	OK	274,284	703,945	1,35979	-2,81503	0,00487729	0,0291643	yes
AN5126	ChrV_A_nidulans_FGSC_A4:1226426-1229104	WT_5hasex	WT_veg	OK	19,0052	48,7073	1,35774	-2,72862	0,00636005	0,0362536	yes
AN5127	ChrV_A_nidulans_FGSC_A4:1230325-1231482	WT_5hasex	WT_veg	OK	82,9994	114,066	0,4587	-0,93152	0,351585	0,627163	no
AN5128	ChrV_A_nidulans_FGSC_A4:1231691-1232502	WT_5hasex	WT_veg	OK	251,27	654,454	1,38106	-2,82549	0,00472077	0,0284179	yes
AN5130	ChrV_A_nidulans_FGSC_A4:1237124-1238717	WT_5hasex	WT_veg	OK	1200,31	638,253	-0,911214	1,41521	0,157007	0,390595	no
AN5132	ChrV_A_nidulans_FGSC_A4:1240677-1241955	WT_5hasex	WT_veg	OK	165,083	406,809	1,30116	-2,4837	0,0130025	0,0640794	no
AN5133	ChrV_A_nidulans_FGSC_A4:1242713-1244065	WT_5hasex	WT_veg	OK	17,8401	25,1684	0,496486	-0,908254	0,363744	0,638612	no

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AN5135	ChrV_A_nidulans_FGSC_A4:1256738-1257779	WT_5hasex	WT_veg	NOTEST	1,43328	3,76901	1,39486	-1,44661	0,148006	1	no
AN5136	ChrV_A_nidulans_FGSC_A4:1258305-1258971	WT_5hasex	WT_veg	OK	76,63	165,849	1,11389	-2,2472	0,0246272	0,10415	no
AN5138	ChrV_A_nidulans_FGSC_A4:1264244-1266133	WT_5hasex	WT_veg	OK	2,33891	7,45849	1,68023	-2,19357	0,0282661	0,115818	no
AN5140	ChrV_A_nidulans_FGSC_A4:1270827-1272391	WT_5hasex	WT_veg	OK	37,4445	63,0101	0,750827	-1,48964	0,136319	0,356351	no
AN5141	ChrV_A_nidulans_FGSC_A4:1273326-1274827	WT_5hasex	WT_veg	OK	48,3381	111,875	1,21066	-2,4595	0,0139129	0,0674693	no
AN5145	ChrV_A_nidulans_FGSC_A4:1285606-1286537	WT_5hasex	WT_veg	OK	376,083	136,444	-1,46275	2,72055	0,00651726	0,0369928	yes
AN5146	ChrV_A_nidulans_FGSC_A4:1287151-1288863	WT_5hasex	WT_veg	OK	67,2144	186,821	1,47482	-3,04706	0,00231088	0,0157409	yes
AN5148	ChrV_A_nidulans_FGSC_A4:1293359-1294560	WT_5hasex	WT_veg	OK	79,3234	146,288	0,882996	-1,80876	0,0704884	0,226748	no
AN5149	ChrV_A_nidulans_FGSC_A4:1295213-1296632	WT_5hasex	WT_veg	OK	16,8215	38,4036	1,19093	-1,95873	0,0501445	0,177883	no
AN5152	ChrV_A_nidulans_FGSC_A4:1305119-1306816	WT_5hasex	WT_veg	OK	75,0103	203,758	1,44169	-2,97458	0,00293385	0,0191863	yes
AN5153	ChrV_A_nidulans_FGSC_A4:1307692-1308437	WT_5hasex	WT_veg	OK	76,5717	187,198	1,28968	-2,60248	0,00925525	0,0489794	yes
AN5154	ChrV_A_nidulans_FGSC_A4:1308849-1313446	WT_5hasex	WT_veg	OK	29,7547	70,3219	1,24086	-2,57771	0,00994574	0,0519204	no
AN5155	ChrV_A_nidulans_FGSC_A4:1314078-1315842	WT_5hasex	WT_veg	OK	18,6826	22,0641	0,240012	-0,455693	0,648611	0,84078	no
AN5157	ChrV_A_nidulans_FGSC_A4:1318730-1321830	WT_5hasex	WT_veg	OK	40,3581	53,4246	0,404646	-0,848644	0,396079	0,669203	no
AN5159	ChrV_A_nidulans_FGSC_A4:1327025-1328914	WT_5hasex	WT_veg	OK	49,9616	149,58	1,58203	-3,0591	0,00222	0,0152447	yes
AN5160	ChrV_A_nidulans_FGSC_A4:1334504-1335630	WT_5hasex	WT_veg	NOTEST	0	1,46376	1.79769e+308	1.79769e+308	0,123323	1	no
AN5161	ChrV_A_nidulans_FGSC_A4:1338926-1342239	WT_5hasex	WT_veg	NOTEST	1,52669	1,297	-0,23523	0,282599	0,777484	1	no
AN5163	ChrV_A_nidulans_FGSC_A4:1348086-1350172	WT_5hasex	WT_veg	OK	6,13245	12,7642	1,05757	-1,7718	0,0764284	0,239991	no
AN5164	ChrV_A_nidulans_FGSC_A4:1350432-1352077	WT_5hasex	WT_veg	OK	71,33	232,402	1,70404	-3,52212	0,00042811	0,00381009	yes
AN5166	ChrV_A_nidulans_FGSC_A4:1355315-1357457	WT_5hasex	WT_veg	OK	98,368	303,84	1,62705	-3,3311	0,00086503	0,00695129	yes
AN5167	ChrV_A_nidulans_FGSC_A4:1365014-1368718	WT_5hasex	WT_veg	OK	44,2628	66,4599	0,586391	-1,22126	0,221986	0,4835	no
AN5168	ChrV_A_nidulans_FGSC_A4:1369734-1374007	WT_5hasex	WT_veg	OK	26,8698	60,0628	1,16049	-2,17348	0,0297443	0,120584	no
AN5169	ChrV_A_nidulans_FGSC_A4:1375596-1378128	WT_5hasex	WT_veg	OK	30,1783	88,0156	1,54425	-2,73736	0,00619341	0,0354464	yes
AN5171	ChrV_A_nidulans_FGSC_A4:1385780-1386422	WT_5hasex	WT_veg	OK	9,79603	20,4955	1,06504	-1,47084	0,141334	0,364729	no
AN5172	ChrV_A_nidulans_FGSC_A4:1388927-1389729	WT_5hasex	WT_veg	OK	44,3609	52,1125	0,232339	-0,428868	0,668019	0,851473	no
AN5173	ChrV_A_nidulans_FGSC_A4:1392161-1393917	WT_5hasex	WT_veg	OK	2,73527	2,01637	-0,439919	0,49453	0,620932	0,824947	no
AN5174	ChrV_A_nidulans_FGSC_A4:1395265-1396400	WT_5hasex	WT_veg	OK	23,5134	28,5203	0,278504	-0,507702	0,611662	0,819782	no
AN5175	ChrV_A_nidulans_FGSC_A4:1400978-1402508	WT_5hasex	WT_veg	OK	19,4588	16,4055	-0,246244	0,460197	0,645375	0,838847	no
AN5177	ChrV_A_nidulans_FGSC_A4:1407212-1408520	WT_5hasex	WT_veg	OK	17,7083	20,3703	0,202046	-0,36227	0,717151	0,878779	no
AN5178	ChrV_A_nidulans_FGSC_A4:1409030-1410221	WT_5hasex	WT_veg	OK	10,0727	18,8064	0,900771	-1,45308	0,146202	0,372884	no
AN5179	ChrV_A_nidulans_FGSC_A4:1410386-1412305	WT_5hasex	WT_veg	OK	10,7019	27,1797	1,34466	-2,38607	0,0170295	0,0788629	no
AN5180	ChrV_A_nidulans_FGSC_A4:1412715-1415361	WT_5hasex	WT_veg	OK	27,4393	38,8646	0,502216	-1,03506	0,300641	0,576358	no
AN5182	ChrV_A_nidulans_FGSC_A4:1417064-1418563	WT_5hasex	WT_veg	OK	2,84583	3,03303	0,091908	-0,110047	0,912372	0,966779	no
AN5185	ChrV_A_nidulans_FGSC_A4:1426221-1428688	WT_5hasex	WT_veg	OK	31,3234	50,0693	0,676686	-1,40349	0,16047	0,396038	no
AN5186	ChrV_A_nidulans_FGSC_A4:1429284-1431855	WT_5hasex	WT_veg	OK	16,6343	48,5311	1,54475	-3,11502	0,00183931	0,0130143	yes
AN5187	ChrV_A_nidulans_FGSC_A4:1433061-1434866	WT_5hasex	WT_veg	OK	24,2597	25,198	0,0547488	-0,107308	0,914544	0,967462	no
AN5188	ChrV_A_nidulans_FGSC_A4:1435239-1436981	WT_5hasex	WT_veg	OK	21,762	40,0222	0,87899	-1,69368	0,0903255	0,269823	no
AN5189	ChrV_A_nidulans_FGSC_A4:1438309-1439513	WT_5hasex	WT_veg	NOTEST	0,205667	1,55938	2,9226	-1,41543	0,156943	1	no
AN5190	ChrV_A_nidulans_FGSC_A4:1440914-1443037	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5191	ChrV_A_nidulans_FGSC_A4:1443629-1444809	WT_5hasex	WT_veg	OK	9,31455	4,5237	-1,04198	1,48395	0,137821	0,358842	no
AN5193	ChrV_A_nidulans_FGSC_A4:1448040-1449444	WT_5hasex	WT_veg	OK	41,2484	67,6462	0,713671	-1,40491	0,160049	0,395583	no
AN5194	ChrV_A_nidulans_FGSC_A4:1450030-1453550	WT_5hasex	WT_veg	OK	74,7589	91,0732	0,284781	-0,581049	0,561207	0,789742	no
AN5195	ChrV_A_nidulans_FGSC_A4:1453988-1454648	WT_5hasex	WT_veg	OK	236,042	282,9	0,26125	-0,539304	0,589677	0,806969	no
AN5196	ChrV_A_nidulans_FGSC_A4:1455353-1457197	WT_5hasex	WT_veg	OK	29,8833	95,612	1,67785	-3,36871	0,0007552	0,00617666	yes
AN5197	ChrV_A_nidulans_FGSC_A4:1457352-1460709	WT_5hasex	WT_veg	OK	14,4464	23,0182	0,672065	-1,34182	0,179655	0,425695	no
AN5198	ChrV_A_nidulans_FGSC_A4:1461024-1462941	WT_5hasex	WT_veg	OK	30,1464	41,578	0,463837	-0,923467	0,355764	0,631123	no
AN5199	ChrV_A_nidulans_FGSC_A4:1463366-1464708	WT_5hasex	WT_veg	OK	34,4602	95,5055	1,47065	-2,82592	0,00471452	0,0283835	yes
AN5200	ChrV_A_nidulans_FGSC_A4:1465046-1467077	WT_5hasex	WT_veg	OK	98,4345	69,9453	-0,492936	0,917317	0,358976	0,633903	no
AN5201	ChrV_A_nidulans_FGSC_A4:1468568-1469837	WT_5hasex	WT_veg	OK	33,5391	20,6428	-0,700207	1,26491	0,205902	0,462502	no
AN5202	ChrV_A_nidulans_FGSC_A4:1471926-1472501	WT_5hasex	WT_veg	OK	2,66901	3,14086	0,234856	-0,210144	0,833555	0,933941	no
AN5203	ChrV_A_nidulans_FGSC_A4:1475186-1475961	WT_5hasex	WT_veg	OK	70,2318	285,289	2,02223	-4,07351	4,631E-05	0,00055967	yes
AN5204	ChrV_A_nidulans_FGSC_A4:1476343-1478028	WT_5hasex	WT_veg	OK	44,8236	163,03	1,86281	-3,67908	0,00023408	0,00227951	yes
AN5205	ChrV_A_nidulans_FGSC_A4:1478952-1480889	WT_5hasex	WT_veg	OK	22,7912	16,6944	-0,449109	0,905015	0,365458	0,640363	no

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AN5207	ChrV_A_nidulans_FGSC_A4:1485150-1486231	WT_5hasex	WT_veg	OK	151,228	950,438	2,65187	-4,46736	7,9191E-06	0,00011683	yes
AN5208	ChrV_A_nidulans_FGSC_A4:1486932-1489467	WT_5hasex	WT_veg	OK	61,4726	56,2766	-0,12741	0,261186	0,793949	0,916198	no
AN5209	ChrV_A_nidulans_FGSC_A4:1489962-1492761	WT_5hasex	WT_veg	OK	141,212	306,531	1,11817	-2,28858	0,022104	0,0960363	no
AN5211	ChrV_A_nidulans_FGSC_A4:1496855-1504369	WT_5hasex	WT_veg	OK	25,9122	47,8234	0,884084	-1,78379	0,0744581	0,23533	no
AN5212	ChrV_A_nidulans_FGSC_A4:1505088-1509600	WT_5hasex	WT_veg	OK	9,08183	8,805	-0,0446597	0,0882851	0,92965	0,973256	no
AN5213	ChrV_A_nidulans_FGSC_A4:1510113-1511497	WT_5hasex	WT_veg	OK	195,442	825,767	2,07899	-4,00151	6,2939E-05	0,00073259	yes
AN5214	ChrV_A_nidulans_FGSC_A4:1513715-1514994	WT_5hasex	WT_veg	OK	1,42604	4,96243	1,79903	-1,87614	0,0606354	0,203839	no
AN5215	ChrV_A_nidulans_FGSC_A4:1515893-1519337	WT_5hasex	WT_veg	OK	9,06175	7,71831	-0,231504	0,443433	0,657453	0,845658	no
AN5216	ChrV_A_nidulans_FGSC_A4:1519644-1523070	WT_5hasex	WT_veg	OK	11,545	15,0985	0,38714	-0,774126	0,438856	0,703421	no
AN5218	ChrV_A_nidulans_FGSC_A4:1528975-1530565	WT_5hasex	WT_veg	OK	28,2808	24,7733	-0,191036	0,355717	0,722052	0,881535	no
AN5219	ChrV_A_nidulans_FGSC_A4:1531470-1532517	WT_5hasex	WT_veg	OK	18,9537	48,0912	1,34329	-2,12668	0,0334463	0,132007	no
AN5220	ChrV_A_nidulans_FGSC_A4:1532845-1536102	WT_5hasex	WT_veg	OK	36,3673	46,2123	0,345632	-0,697301	0,485614	0,739492	no
AN5221	ChrV_A_nidulans_FGSC_A4:1536226-1541194	WT_5hasex	WT_veg	OK	16,4982	32,314	0,96985	-1,96886	0,0489693	0,17509	no
AN5222	ChrV_A_nidulans_FGSC_A4:1541493-1542748	WT_5hasex	WT_veg	OK	1286,87	1981,6	0,622805	-1,04959	0,293907	0,568713	no
AN5223	ChrV_A_nidulans_FGSC_A4:1543016-1544992	WT_5hasex	WT_veg	OK	3,73839	4,90307	0,391268	-0,541328	0,588282	0,806059	no
AN5224	ChrV_A_nidulans_FGSC_A4:1545756-1548066	WT_5hasex	WT_veg	OK	27,0046	33,16	0,296242	-0,590241	0,555029	0,785206	no
AN5225	ChrV_A_nidulans_FGSC_A4:1548623-1551433	WT_5hasex	WT_veg	OK	16,4418	26,019	0,662195	-1,31793	0,187528	0,437138	no
AN5227	ChrV_A_nidulans_FGSC_A4:1562719-1565483	WT_5hasex	WT_veg	NOTEST	0,83297	0,669061	-0,316126	0,311464	0,755448	1	no
AN5228	ChrV_A_nidulans_FGSC_A4:1566463-1568238	WT_5hasex	WT_veg	OK	113,126	236,33	1,06286	-1,9794	0,0477713	0,172167	no
AN5229	ChrV_A_nidulans_FGSC_A4:1568337-1571178	WT_5hasex	WT_veg	OK	4,49038	5,12476	0,190647	-0,31231	0,754805	0,898244	no
AN5230	ChrV_A_nidulans_FGSC_A4:1571509-1572493	WT_5hasex	WT_veg	OK	23,1886	38,6939	0,738689	-1,3311	0,183157	0,430876	no
AN5231	ChrV_A_nidulans_FGSC_A4:1573138-1574251	WT_5hasex	WT_veg	OK	44,0173	170,809	1,95624	-3,79188	0,00014951	0,00155172	yes
AN5232	ChrV_A_nidulans_FGSC_A4:1574344-1575049	WT_5hasex	WT_veg	OK	25,8143	45,9886	0,833107	-1,45106	0,146764	0,373923	no
AN5233	ChrV_A_nidulans_FGSC_A4:1577322-1579421	WT_5hasex	WT_veg	OK	12,6737	26,5727	1,06811	-1,80575	0,0709574	0,227684	no
AN5234	ChrV_A_nidulans_FGSC_A4:1580106-1581855	WT_5hasex	WT_veg	OK	32,1941	66,041	1,03657	-2,04966	0,0403973	0,151913	no
AN5235	ChrV_A_nidulans_FGSC_A4:1582040-1583505	WT_5hasex	WT_veg	OK	22,4509	40,8072	0,86205	-1,59047	0,11173	0,312342	no
AN5236	ChrV_A_nidulans_FGSC_A4:1584032-1585459	WT_5hasex	WT_veg	OK	79,11	212,157	1,4232	-2,8934	0,00381097	0,0238582	yes
AN5237	ChrV_A_nidulans_FGSC_A4:1586748-1589291	WT_5hasex	WT_veg	OK	15,5003	21,0717	0,443009	-0,823329	0,410321	0,680281	no
AN5238	ChrV_A_nidulans_FGSC_A4:1589983-1591696	WT_5hasex	WT_veg	OK	18,4793	27,4848	0,572722	-1,05904	0,289581	0,564315	no
AN5240	ChrV_A_nidulans_FGSC_A4:1593316-1594120	WT_5hasex	WT_veg	OK	1,17707	5,34184	2,18213	-2,11309	0,034593	0,135534	no
AN5241	ChrV_A_nidulans_FGSC_A4:1595957-1597204	WT_5hasex	WT_veg	OK	7,81809	19,0395	1,28411	-1,89779	0,0577235	0,196481	no
AN5244	ChrV_A_nidulans_FGSC_A4:1611104-1612527	WT_5hasex	WT_veg	NOTEST	0,56298	0,197983	-1,50771	0,633121	0,526655	1	no
AN5245	ChrV_A_nidulans_FGSC_A4:1616225-1616721	WT_5hasex	WT_veg	OK	377,065	1075,62	1,51228	-2,77912	0,00545057	0,0318709	yes
AN5248	ChrV_A_nidulans_FGSC_A4:3388406-3391776	WT_5hasex	WT_veg	NOTEST	0,396479	0,464522	0,228503	-0,182204	0,855423	1	no
AN5251	ChrV_A_nidulans_FGSC_A4:3378056-3379614	WT_5hasex	WT_veg	NOTEST	1,04213	0,962448	-0,114755	0,0913441	0,927219	1	no
AN5252	ChrV_A_nidulans_FGSC_A4:3376951-3378010	WT_5hasex	WT_veg	OK	21,1084	4,21853	-2,323	2,67933	0,00737692	0,040833	yes
AN5253	ChrV_A_nidulans_FGSC_A4:3370442-3372538	WT_5hasex	WT_veg	NOTEST	0,0907772	0,846474	3,22106	-1,90802	0,056389	1	no
AN5254	ChrV_A_nidulans_FGSC_A4:3367155-3370373	WT_5hasex	WT_veg	NOTEST	0,988037	1,68806	0,77273	-0,978538	0,327808	1	no
AN5255	ChrV_A_nidulans_FGSC_A4:3365468-3365958	WT_5hasex	WT_veg	OK	6,52611	5,58929	-0,223559	0,218549	0,827001	0,931193	no
AN5257	ChrV_A_nidulans_FGSC_A4:3355094-3356711	WT_5hasex	WT_veg	OK	172,127	74,1532	-1,21489	2,26522	0,0234992	0,100671	no
AN5258	ChrV_A_nidulans_FGSC_A4:3351154-3352854	WT_5hasex	WT_veg	OK	55,5325	26,5644	-1,06384	1,92109	0,0547201	0,189218	no
AN5259	ChrV_A_nidulans_FGSC_A4:3347679-3350690	WT_5hasex	WT_veg	OK	1,69958	4,38563	1,36761	-1,77729	0,07552	0,237967	no
AN5260	ChrV_A_nidulans_FGSC_A4:3345363-3347130	WT_5hasex	WT_veg	NOTEST	0,462736	0,489151	0,0800905	-0,0524674	0,958156	1	no
AN5262	ChrV_A_nidulans_FGSC_A4:3342101-3343470	WT_5hasex	WT_veg	OK	33,8464	130,352	1,94534	-3,87658	0,00010593	0,00115384	yes
AN5263	ChrV_A_nidulans_FGSC_A4:3338209-3339666	WT_5hasex	WT_veg	OK	11,6443	21,1682	0,862277	-1,48559	0,137389	0,358181	no
AN5264	ChrV_A_nidulans_FGSC_A4:3334668-3337258	WT_5hasex	WT_veg	NOTEST	0,580544	0	-1.79769e+308	-1.79769e+308	0,0573914	1	no
AN5268	ChrV_A_nidulans_FGSC_A4:3318926-3319927	WT_5hasex	WT_veg	OK	50,6894	106,777	1,07484	-2,05931	0,039465	0,149393	no
AN5269	ChrV_A_nidulans_FGSC_A4:3316531-3317678	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5270	ChrV_A_nidulans_FGSC_A4:3312498-3313989	WT_5hasex	WT_veg	NOTEST	0,17229	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN5272	ChrV_A_nidulans_FGSC_A4:3305377-3307306	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5274	ChrV_A_nidulans_FGSC_A4:3300701-3303011	WT_5hasex	WT_veg	OK	2,00515	7,55324	1,91339	-2,4469	0,0144093	0,0693556	no
AN5275	ChrV_A_nidulans_FGSC_A4:3297972-3299812	WT_5hasex	WT_veg	NOTEST	0,873508	1,56832	0,844323	-0,765924	0,443721	1	no
AN5276	ChrV_A_nidulans_FGSC_A4:3295839-3297416	WT_5hasex	WT_veg	OK	25,899	7,61716	-1,76557	3,24089	0,00119158	0,00907578	yes

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AN5278	ChrV_A_nidulans_FGSC_A4:3288924-3294143	WT_5hasex	WT_veg	OK	23,0714	31,7369	0,460053	-0,959783	0,337164	0,613069	no
AN5279	ChrV_A_nidulans_FGSC_A4:3286988-3288630	WT_5hasex	WT_veg	OK	5,71281	12,8714	1,1719	-1,81914	0,0688902	0,222935	no
AN5281	ChrV_A_nidulans_FGSC_A4:3279507-3281749	WT_5hasex	WT_veg	NOTEST	0,095137	0,443564	2,22106	-1,14626	0,251686	1	no
AN5283	ChrV_A_nidulans_FGSC_A4:3271237-3272820	WT_5hasex	WT_veg	OK	22,2045	25,9996	0,227637	-0,431089	0,666404	0,850878	no
AN5284	ChrV_A_nidulans_FGSC_A4:3266505-3268358	WT_5hasex	WT_veg	NOTEST	0,477362	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN5287	ChrV_A_nidulans_FGSC_A4:3252105-3253176	WT_5hasex	WT_veg	NOTEST	0,236525	0,848789	1,84341	-0,810885	0,417432	1	no
AN5288	ChrV_A_nidulans_FGSC_A4:3251035-3251443	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5289	ChrV_A_nidulans_FGSC_A4:3249508-3250746	WT_5hasex	WT_veg	NOTEST	0,192541	0,703348	1,86907	-0,822173	0,410979	1	no
AN5290	ChrV_A_nidulans_FGSC_A4:3247888-3248413	WT_5hasex	WT_veg	OK	2,32806	6,77549	1,5412	-1,58804	0,112278	0,31324	no
AN5291	ChrV_A_nidulans_FGSC_A4:3245192-3246878	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5292	ChrV_A_nidulans_FGSC_A4:3242982-3244359	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5294	ChrV_A_nidulans_FGSC_A4:3232968-3234915	WT_5hasex	WT_veg	NOTEST	0,351284	3,38282	3,26752	-2,63034	0,00852986	1	no
AN5295	ChrV_A_nidulans_FGSC_A4:3231814-3232648	WT_5hasex	WT_veg	NOTEST	1,18882	3,03439	1,35188	-1,25878	0,208109	1	no
AN5297	ChrV_A_nidulans_FGSC_A4:3227441-3228513	WT_5hasex	WT_veg	OK	1,26234	4,17242	1,72479	-1,65004	0,0989348	0,287137	no
AN5298	ChrV_A_nidulans_FGSC_A4:3226347-3227154	WT_5hasex	WT_veg	OK	0,656366	9,20433	3,80974	-3,0102	0,00261072	0,0174121	yes
AN5299	ChrV_A_nidulans_FGSC_A4:3223303-3225760	WT_5hasex	WT_veg	OK	2,36267	3,81589	0,691606	-0,975843	0,329142	0,60565	no
AN5300	ChrV_A_nidulans_FGSC_A4:3219603-3222312	WT_5hasex	WT_veg	OK	2,08145	1,30978	-0,668262	0,796596	0,425686	0,693135	no
AN5302	ChrV_A_nidulans_FGSC_A4:3212589-3214758	WT_5hasex	WT_veg	OK	17,66	149,788	3,08437	-5,91358	3,3476E-09	1,0625E-07	yes
AN5303	ChrV_A_nidulans_FGSC_A4:3209239-3211303	WT_5hasex	WT_veg	OK	7,2266	42,3617	2,55137	-4,2217	2,4246E-05	0,00031622	yes
AN5304	ChrV_A_nidulans_FGSC_A4:3206785-3208672	WT_5hasex	WT_veg	NOTEST	0,414954	0	-1.79769e+308	-1.79769e+308	0,0793015	1	no
AN5305	ChrV_A_nidulans_FGSC_A4:3204052-3206115	WT_5hasex	WT_veg	NOTEST	0,964129	1,97728	1,03622	-1,18385	0,236473	1	no
AN5308	ChrV_A_nidulans_FGSC_A4:3192905-3193928	WT_5hasex	WT_veg	OK	2,22629	5,96357	1,42154	-1,60105	0,109366	0,308119	no
AN5309	ChrV_A_nidulans_FGSC_A4:3191753-3192737	WT_5hasex	WT_veg	NOTEST	0,510349	1,93948	1,92612	-1,33243	0,182718	1	no
AN5310	ChrV_A_nidulans_FGSC_A4:3189189-3190775	WT_5hasex	WT_veg	OK	16,4905	9,05201	-0,865324	1,50976	0,131104	0,347151	no
AN5311	ChrV_A_nidulans_FGSC_A4:3186918-3188261	WT_5hasex	WT_veg	OK	11,8539	32,8671	1,47128	-2,3225	0,0202062	0,08985	no
AN5312	ChrV_A_nidulans_FGSC_A4:3182643-3184088	WT_5hasex	WT_veg	OK	11,1209	47,2265	2,08632	-3,00308	0,00267264	0,0177483	yes
AN5313	ChrV_A_nidulans_FGSC_A4:3178196-3178692	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5314	ChrV_A_nidulans_FGSC_A4:3173198-3175207	WT_5hasex	WT_veg	OK	1,24301	7,22593	2,53935	-2,91887	0,00351308	0,0223305	yes
AN5315	ChrV_A_nidulans_FGSC_A4:3169807-3172424	WT_5hasex	WT_veg	NOTEST	0,625079	0,865504	0,469503	-0,433434	0,664699	1	no
AN5316	ChrV_A_nidulans_FGSC_A4:3168738-3169441	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5317	ChrV_A_nidulans_FGSC_A4:3167231-3168155	WT_5hasex	WT_veg	OK	10,669	80,3387	2,91266	-4,63154	3,6295E-06	5,8092E-05	yes
AN5318	ChrV_A_nidulans_FGSC_A4:3160321-3164516	WT_5hasex	WT_veg	OK	50,1556	224,264	2,16072	-4,03635	5,4288E-05	0,00064348	yes
AN5319	ChrV_A_nidulans_FGSC_A4:3155968-3157045	WT_5hasex	WT_veg	NOTEST	0,564664	0	-1.79769e+308	-1.79769e+308	0,0654719	1	no
AN5320	ChrV_A_nidulans_FGSC_A4:3153805-3155494	WT_5hasex	WT_veg	NOTEST	0,740643	0	-1.79769e+308	-1.79769e+308	0,0399057	1	no
AN5321	ChrV_A_nidulans_FGSC_A4:3151819-3153701	WT_5hasex	WT_veg	OK	12,0267	20,8491	0,793753	-1,39358	0,163444	0,400434	no
AN5322	ChrV_A_nidulans_FGSC_A4:3151241-3151620	WT_5hasex	WT_veg	OK	5,1049	0,663698	-2,94328	0,978363	0,327895	0,604255	no
AN5323	ChrV_A_nidulans_FGSC_A4:3147960-3150099	WT_5hasex	WT_veg	OK	5,3487	30,1604	2,4954	-3,88159	0,00010378	0,00113293	yes
AN5324	ChrV_A_nidulans_FGSC_A4:3144332-3146101	WT_5hasex	WT_veg	OK	618,604	7603,8	3,61963	-4,57623	4,7344E-06	7,3617E-05	yes
AN5325	ChrV_A_nidulans_FGSC_A4:3139538-3140785	WT_5hasex	WT_veg	NOTEST	0	1,25491	1.79769e+308	1.79769e+308	0,130982	1	no
AN5326	ChrV_A_nidulans_FGSC_A4:3138216-3139392	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5327	ChrV_A_nidulans_FGSC_A4:3135760-3138056	WT_5hasex	WT_veg	OK	7,59661	31,6336	2,05803	-3,45936	0,00054147	0,00465682	yes
AN5328	ChrV_A_nidulans_FGSC_A4:3133385-3134667	WT_5hasex	WT_veg	OK	2,01908	3,1967	0,662886	-0,766224	0,443543	0,707283	no
AN5329	ChrV_A_nidulans_FGSC_A4:3130527-3132058	WT_5hasex	WT_veg	OK	62,7222	113,413	0,854544	-1,37134	0,17027	0,411365	no
AN5330	ChrV_A_nidulans_FGSC_A4:3129243-3129804	WT_5hasex	WT_veg	OK	94,1724	347,91	1,88534	-3,61079	0,00030527	0,00286419	yes
AN5331	ChrV_A_nidulans_FGSC_A4:3125558-3126908	WT_5hasex	WT_veg	OK	12,6508	77,408	2,61326	-3,77117	0,00016249	0,00166763	yes
AN5332	ChrV_A_nidulans_FGSC_A4:3121590-3122146	WT_5hasex	WT_veg	OK	11,8009	294,354	4,64059	-6,71396	1,8941E-11	8,5936E-10	yes
AN5334	ChrV_A_nidulans_FGSC_A4:3117636-3119303	WT_5hasex	WT_veg	OK	13,2849	19,9608	0,587379	-1,05307	0,29231	0,567087	no
AN5337	ChrV_A_nidulans_FGSC_A4:3105147-3107798	WT_5hasex	WT_veg	OK	23,5754	32,2745	0,453117	-0,925275	0,354823	0,630421	no
AN5338	ChrV_A_nidulans_FGSC_A4:3101828-3104555	WT_5hasex	WT_veg	OK	135,24	743,534	2,45888	-4,68641	2,7803E-06	4,5918E-05	yes
AN5339	ChrV_A_nidulans_FGSC_A4:3101828-3104555	WT_5hasex	WT_veg	OK	136,997	811,252	2,566	-4,97301	6,5923E-07	1,2672E-05	yes
AN5340	ChrV_A_nidulans_FGSC_A4:3100299-3101637	WT_5hasex	WT_veg	OK	24,3849	221,655	3,18426	-5,98375	2,1806E-09	7,1642E-08	yes
AN5341	ChrV_A_nidulans_FGSC_A4:3095988-3096511	WT_5hasex	WT_veg	OK	76,2344	274,585	1,84874	-3,5938	0,00032589	0,00302144	yes
AN5342	ChrV_A_nidulans_FGSC_A4:3093323-3095061	WT_5hasex	WT_veg	OK	33,88	44,4394	0,391403	-0,741402	0,45845	0,718899	no

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AN5345	ChrV_A_nidulans_FGSC_A4:3084689-3086978	WT_5hasex	WT_veg	OK	8,75209	12,9213	0,562049	-0,963628	0,335232	0,611318	no
AN5346	ChrV_A_nidulans_FGSC_A4:3083004-3084495	WT_5hasex	WT_veg	OK	13,3996	16,6785	0,315804	-0,541376	0,588249	0,806041	no
AN5347	ChrV_A_nidulans_FGSC_A4:3079683-3082427	WT_5hasex	WT_veg	OK	17,0728	11,066	-0,625563	1,20235	0,229228	0,492377	no
AN5348	ChrV_A_nidulans_FGSC_A4:3077324-3078566	WT_5hasex	WT_veg	OK	9,92126	9,79868	-0,0179357	0,0287526	0,977062	0,992075	no
AN5349	ChrV_A_nidulans_FGSC_A4:3075826-3077088	WT_5hasex	WT_veg	OK	15,3833	15,3237	-0,00559898	0,00969758	0,992263	0,997325	no
AN5350	ChrV_A_nidulans_FGSC_A4:3073948-3075758	WT_5hasex	WT_veg	OK	9,87208	11,1141	0,170963	-0,254806	0,798873	0,918884	no
AN5351	ChrV_A_nidulans_FGSC_A4:3072511-3073694	WT_5hasex	WT_veg	OK	66,5614	81,1897	0,286611	-0,586003	0,557873	0,787354	no
AN5353	ChrV_A_nidulans_FGSC_A4:3066496-3067268	WT_5hasex	WT_veg	OK	20,2255	2,42057	-3,06275	3,05845	0,00222489	0,0152703	yes
AN5354	ChrV_A_nidulans_FGSC_A4:3062082-3063230	WT_5hasex	WT_veg	OK	6,60568	3,89572	-0,761819	0,884185	0,376596	0,651236	no
AN5355	ChrV_A_nidulans_FGSC_A4:3060028-3061179	WT_5hasex	WT_veg	OK	14,3969	8,73701	-0,720544	1,05813	0,289998	0,564651	no
AN5357	ChrV_A_nidulans_FGSC_A4:3049707-3051297	WT_5hasex	WT_veg	OK	763,344	3103,45	2,02347	-3,40861	0,00065294	0,00546222	yes
AN5359	ChrV_A_nidulans_FGSC_A4:3047370-3048003	WT_5hasex	WT_veg	OK	0,947821	8,11695	3,09825	-2,96169	0,00305955	0,0198669	yes
AN5361	ChrV_A_nidulans_FGSC_A4:3041071-3043020	WT_5hasex	WT_veg	NOTEST	0,162004	0,423468	1,38622	-0,763347	0,445257	1	no
AN5362	ChrV_A_nidulans_FGSC_A4:3039945-3040479	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5363	ChrV_A_nidulans_FGSC_A4:3036915-3038460	WT_5hasex	WT_veg	OK	3,29535	1,72261	-0,935832	1,02955	0,303222	0,579198	no
AN5364	ChrV_A_nidulans_FGSC_A4:3033261-3036651	WT_5hasex	WT_veg	OK	8,11395	4,2284	-0,940292	1,70812	0,0876149	0,264257	no
AN5365	ChrV_A_nidulans_FGSC_A4:3031406-3032307	WT_5hasex	WT_veg	OK	2,72751	1,07496	-1,3433	0,886505	0,375346	0,650103	no
AN5366	ChrV_A_nidulans_FGSC_A4:3030014-3030799	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5367	ChrV_A_nidulans_FGSC_A4:3027166-3029176	WT_5hasex	WT_veg	NOTEST	0,720567	1,16068	0,687772	-0,676481	0,498735	1	no
AN5368	ChrV_A_nidulans_FGSC_A4:3025515-3026301	WT_5hasex	WT_veg	OK	21,9494	12,0022	-0,87088	1,26275	0,206679	0,463617	no
AN5369	ChrV_A_nidulans_FGSC_A4:3023275-3024920	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5370	ChrV_A_nidulans_FGSC_A4:3019069-3021351	WT_5hasex	WT_veg	OK	21,7855	1,27754	-4,09192	4,74003	2,1369E-06	3,6486E-05	yes
AN5371	ChrV_A_nidulans_FGSC_A4:3016447-3017431	WT_5hasex	WT_veg	NOTEST	1,15821	2,53804	1,13182	-1,0687	0,285204	1	no
AN5372	ChrV_A_nidulans_FGSC_A4:3014203-3015185	WT_5hasex	WT_veg	OK	178,89	457,013	1,35317	-2,41421	0,0157694	0,0743588	no
AN5373	ChrV_A_nidulans_FGSC_A4:3012188-3013203	WT_5hasex	WT_veg	OK	31,0376	96,9111	1,64264	-2,90122	0,00371707	0,0233804	yes
AN5374	ChrV_A_nidulans_FGSC_A4:3010111-3011299	WT_5hasex	WT_veg	OK	4,81494	2,92663	-0,718276	0,874331	0,381938	0,656065	no
AN5375	ChrV_A_nidulans_FGSC_A4:3008962-3009916	WT_5hasex	WT_veg	OK	19,6058	30,4635	0,635799	-1,11273	0,265823	0,537224	no
AN5376	ChrV_A_nidulans_FGSC_A4:3006886-3008564	WT_5hasex	WT_veg	OK	43,3397	74,2115	0,775955	-1,56651	0,11723	0,322506	no
AN5377	ChrV_A_nidulans_FGSC_A4:3003076-3003883	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5378	ChrV_A_nidulans_FGSC_A4:2998826-3001368	WT_5hasex	WT_veg	OK	17,3954	4,50724	-1,94839	3,3571	0,00078766	0,00640814	yes
AN5380	ChrV_A_nidulans_FGSC_A4:2990645-2992213	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5381	ChrV_A_nidulans_FGSC_A4:2989074-2990219	WT_5hasex	WT_veg	OK	2,95749	7,92604	1,42223	-1,58089	0,113903	0,316476	no
AN5383	ChrV_A_nidulans_FGSC_A4:2985636-2988446	WT_5hasex	WT_veg	NOTEST	0,920653	1,06565	0,211006	-0,200182	0,841338	1	no
AN5384	ChrV_A_nidulans_FGSC_A4:2983705-2984618	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5385	ChrV_A_nidulans_FGSC_A4:2980922-2981759	WT_5hasex	WT_veg	NOTEST	1,14595	1,51349	0,401332	-0,300919	0,763476	1	no
AN5387	ChrV_A_nidulans_FGSC_A4:2973005-2974166	WT_5hasex	WT_veg	OK	15,9021	22,1192	0,476078	-0,812405	0,416559	0,685505	no
AN5388	ChrV_A_nidulans_FGSC_A4:2971231-2971766	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5389	ChrV_A_nidulans_FGSC_A4:2969697-2970141	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5390	ChrV_A_nidulans_FGSC_A4:2964964-2967726	WT_5hasex	WT_veg	OK	18,2889	38,3685	1,06896	-2,08657	0,0369266	0,142167	no
AN5391	ChrV_A_nidulans_FGSC_A4:2963806-2964553	WT_5hasex	WT_veg	OK	7,87891	23,5618	1,58038	-2,31671	0,0205198	0,0909403	no
AN5393	ChrV_A_nidulans_FGSC_A4:2958291-2958957	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5394	ChrV_A_nidulans_FGSC_A4:2956462-2958070	WT_5hasex	WT_veg	NOTEST	0,702573	1,74156	1,30966	-1,25458	0,209631	1	no
AN5395	ChrV_A_nidulans_FGSC_A4:2953076-2955743	WT_5hasex	WT_veg	OK	5,8548	1,54937	-1,91794	2,66388	0,00772456	0,04239	yes
AN5396	ChrV_A_nidulans_FGSC_A4:2947330-2948117	WT_5hasex	WT_veg	NOTEST	0,743571	3,63947	2,29118	-1,72314	0,0848634	1	no
AN5398	ChrV_A_nidulans_FGSC_A4:2942226-2943357	WT_5hasex	WT_veg	NOTEST	0,389734	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN5399	ChrV_A_nidulans_FGSC_A4:2938045-2938996	WT_5hasex	WT_veg	OK	8,69455	31,5905	1,86131	-2,88776	0,00388	0,0241874	yes
AN5400	ChrV_A_nidulans_FGSC_A4:2933382-2935524	WT_5hasex	WT_veg	OK	5,56388	16,108	1,53361	-2,11184	0,0347004	0,135851	no
AN5401	ChrV_A_nidulans_FGSC_A4:2929160-2929721	WT_5hasex	WT_veg	OK	3,42762	24,2712	2,82397	-3,2795	0,00103992	0,00811646	yes
AN5402	ChrV_A_nidulans_FGSC_A4:2925188-2926473	WT_5hasex	WT_veg	OK	31,632	86,7278	1,45511	-2,73984	0,00614699	0,0352269	yes
AN5403	ChrV_A_nidulans_FGSC_A4:2919608-2923615	WT_5hasex	WT_veg	OK	30,2769	53,0103	0,808055	-1,68184	0,0926003	0,274475	no
AN5404	ChrV_A_nidulans_FGSC_A4:2916666-2918400	WT_5hasex	WT_veg	OK	207,547	618,504	1,57535	-3,16089	0,00157286	0,0114316	yes
AN5405	ChrV_A_nidulans_FGSC_A4:2911385-2913385	WT_5hasex	WT_veg	OK	2,08768	6,27782	1,58837	-2,18506	0,0288841	0,117734	no
AN5407	ChrV_A_nidulans_FGSC_A4:2900520-2903370	WT_5hasex	WT_veg	OK	17,0681	29,8053	0,804272	-1,61351	0,106635	0,303031	no

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AN5408	ChrV_A_nidulans_FGSC_A4:2898526-2899041	WT_5hasex	WT_veg	OK	39,5553	47,7092	0,270396	-0,394875	0,692935	0,865448	no
AN5409	ChrV_A_nidulans_FGSC_A4:2896738-2897776	WT_5hasex	WT_veg	OK	3,36771	13,8837	2,04356	-2,65948	0,00782616	0,042831	yes
AN5410	ChrV_A_nidulans_FGSC_A4:2893953-2894568	WT_5hasex	WT_veg	OK	62,7183	39,6183	-0,662718	1,08367	0,27851	0,551735	no
AN5411	ChrV_A_nidulans_FGSC_A4:2892084-2892883	WT_5hasex	WT_veg	OK	4,04996	1,43194	-1,49993	1,20231	0,229242	0,492386	no
AN5412	ChrV_A_nidulans_FGSC_A4:2889982-2891595	WT_5hasex	WT_veg	OK	4,91719	6,23859	0,343386	-0,499303	0,617566	0,823291	no
AN5413	ChrV_A_nidulans_FGSC_A4:2887427-2889653	WT_5hasex	WT_veg	OK	3,16357	9,74335	1,62287	-2,20273	0,0276139	0,113786	no
AN5414	ChrV_A_nidulans_FGSC_A4:2885283-2886501	WT_5hasex	WT_veg	OK	35,6145	57,6309	0,694376	-1,34899	0,177341	0,422353	no
AN5415	ChrV_A_nidulans_FGSC_A4:2883056-2884556	WT_5hasex	WT_veg	OK	36,8048	79,4778	1,11066	-2,19289	0,0283154	0,115939	no
AN5416	ChrV_A_nidulans_FGSC_A4:2880934-2882063	WT_5hasex	WT_veg	OK	48,9973	65,6631	0,422379	-0,814365	0,415436	0,684474	no
AN5417	ChrV_A_nidulans_FGSC_A4:2878531-2880456	WT_5hasex	WT_veg	NOTEST	0,264253	0,454744	0,783132	-0,459301	0,646018	1	no
AN5418	ChrV_A_nidulans_FGSC_A4:2875694-2876475	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5419	ChrV_A_nidulans_FGSC_A4:2874263-2875488	WT_5hasex	WT_veg	NOTEST	0,209913	1,03078	2,29587	-1,07865	0,280743	1	no
AN5421	ChrV_A_nidulans_FGSC_A4:2865556-2867600	WT_5hasex	WT_veg	OK	8,86917	20,3428	1,19765	-1,72125	0,0852062	0,259157	no
AN5422	ChrV_A_nidulans_FGSC_A4:2863213-2864708	WT_5hasex	WT_veg	OK	9,48485	28,2365	1,57386	-2,25659	0,0240338	0,102354	no
AN5423	ChrV_A_nidulans_FGSC_A4:2859850-2861210	WT_5hasex	WT_veg	OK	71,5634	192,13	1,42479	-2,85785	0,0042652	0,0261716	yes
AN5424	ChrV_A_nidulans_FGSC_A4:2856495-2857421	WT_5hasex	WT_veg	OK	6,45908	1,5316	-2,07629	1,64816	0,0993192	0,287941	no
AN5425	ChrV_A_nidulans_FGSC_A4:2854872-2856066	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5426	ChrV_A_nidulans_FGSC_A4:2853193-2854286	WT_5hasex	WT_veg	NOTEST	0,23207	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN5427	ChrV_A_nidulans_FGSC_A4:2849337-2851138	WT_5hasex	WT_veg	NOTEST	0,133841	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN5428	ChrV_A_nidulans_FGSC_A4:2845478-2846360	WT_5hasex	WT_veg	OK	7,00878	27,7709	1,98634	-2,84253	0,00447573	0,0272369	yes
AN5429	ChrV_A_nidulans_FGSC_A4:2841696-2843499	WT_5hasex	WT_veg	OK	3,22304	0,783249	-2,04088	1,93771	0,0526589	0,183962	no
AN5430	ChrV_A_nidulans_FGSC_A4:2839700-2841074	WT_5hasex	WT_veg	NOTEST	0,579362	0	-1.79769e+308	-1.79769e+308	0,0540986	1	no
AN5431	ChrV_A_nidulans_FGSC_A4:2835552-2837415	WT_5hasex	WT_veg	NOTEST	0,593253	2,45773	2,05061	-2,15503	0,0311593	1	no
AN5432	ChrV_A_nidulans_FGSC_A4:2834112-2835142	WT_5hasex	WT_veg	OK	0,414177	6,70232	4,01634	-3,10334	0,0019135	0,0134502	yes
AN5434	ChrV_A_nidulans_FGSC_A4:2828863-2830299	WT_5hasex	WT_veg	OK	8,78669	22,5632	1,36058	-1,97726	0,0480118	0,17269	no
AN5435	ChrV_A_nidulans_FGSC_A4:2826312-2828526	WT_5hasex	WT_veg	OK	46,9446	19,0417	-1,3018	2,49557	0,0125754	0,0624444	no
AN5437	ChrV_A_nidulans_FGSC_A4:2814273-2815927	WT_5hasex	WT_veg	OK	27,5605	43,3192	0,652406	-1,06927	0,284946	0,55897	no
AN5438	ChrV_A_nidulans_FGSC_A4:2811026-2812812	WT_5hasex	WT_veg	OK	12,2491	25,0382	1,03146	-1,83638	0,0663009	0,216891	no
AN5439	ChrV_A_nidulans_FGSC_A4:2810197-2810644	WT_5hasex	WT_veg	OK	4,32917	6,56705	0,601153	-0,64222	0,520731	0,764054	no
AN5440	ChrV_A_nidulans_FGSC_A4:2808736-2809738	WT_5hasex	WT_veg	OK	17,6932	30,9313	0,805876	-1,37826	0,168124	0,40791	no
AN5441	ChrV_A_nidulans_FGSC_A4:2805676-2806733	WT_5hasex	WT_veg	OK	2050,89	3485,93	0,765295	-1,24047	0,214802	0,474419	no
AN5443	ChrV_A_nidulans_FGSC_A4:2801576-2802608	WT_5hasex	WT_veg	OK	22,6795	114,665	2,33796	-4,33705	1,4441E-05	0,00019995	yes
AN5444	ChrV_A_nidulans_FGSC_A4:2799910-2801319	WT_5hasex	WT_veg	OK	117,872	224,335	0,928436	-1,79711	0,0723183	0,230764	no
AN5445	ChrV_A_nidulans_FGSC_A4:2796502-2797192	WT_5hasex	WT_veg	OK	47,9069	130,37	1,44431	-2,70605	0,00680891	0,0383147	yes
AN5446	ChrV_A_nidulans_FGSC_A4:2791106-2793849	WT_5hasex	WT_veg	OK	54,6003	84,9903	0,638389	-1,32651	0,184669	0,433143	no
AN5447	ChrV_A_nidulans_FGSC_A4:2788634-2790606	WT_5hasex	WT_veg	OK	959,198	500,526	-0,938384	1,5172	0,129217	0,343887	no
AN5448	ChrV_A_nidulans_FGSC_A4:2785792-2788388	WT_5hasex	WT_veg	OK	39,7031	51,0461	0,362548	-0,741244	0,458545	0,718921	no
AN5449	ChrV_A_nidulans_FGSC_A4:2782306-2784496	WT_5hasex	WT_veg	OK	19,5845	18,801	-0,058905	0,117109	0,906774	0,96425	no
AN5450	ChrV_A_nidulans_FGSC_A4:2777517-2780101	WT_5hasex	WT_veg	OK	50,8121	175,516	1,78836	-3,46609	0,00052808	0,00455662	yes
AN5451	ChrV_A_nidulans_FGSC_A4:2774838-2776603	WT_5hasex	WT_veg	OK	192,552	466,825	1,27763	-2,51623	0,0118618	0,0596148	no
AN5452	ChrV_A_nidulans_FGSC_A4:2770207-2774532	WT_5hasex	WT_veg	OK	53,8036	143,767	1,41796	-2,85924	0,00426659	0,0260667	yes
AN5453	ChrV_A_nidulans_FGSC_A4:2764464-2766136	WT_5hasex	WT_veg	OK	16,4899	37,0631	1,1684	-1,98813	0,046797	0,169519	no
AN5454	ChrV_A_nidulans_FGSC_A4:2762292-2764058	WT_5hasex	WT_veg	NOTEST	0,126152	1,7645	3,80603	-2,35775	0,018386	1	no
AN5455	ChrV_A_nidulans_FGSC_A4:2756303-2761897	WT_5hasex	WT_veg	OK	8,70767	38,2882	2,13654	-4,28075	1,8627E-05	0,00025098	yes
AN5456	ChrV_A_nidulans_FGSC_A4:2752408-2756052	WT_5hasex	WT_veg	OK	12,9647	15,7371	0,279586	-0,556786	0,577674	0,799606	no
AN5458	ChrV_A_nidulans_FGSC_A4:2747085-2747639	WT_5hasex	WT_veg	OK	21,4683	35,8549	0,739965	-1,04275	0,297066	0,572319	no
AN5459	ChrV_A_nidulans_FGSC_A4:2745495-2746048	WT_5hasex	WT_veg	NOTEST	0,641669	0,514075	-0,319852	0,0920595	0,926651	1	no
AN5460	ChrV_A_nidulans_FGSC_A4:2740819-2743062	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5461	ChrV_A_nidulans_FGSC_A4:2737643-2738843	WT_5hasex	WT_veg	OK	4,07062	9,64895	1,24512	-1,73352	0,083004	0,254406	no
AN5462	ChrV_A_nidulans_FGSC_A4:2735496-2736143	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5463	ChrV_A_nidulans_FGSC_A4:2732482-2733699	WT_5hasex	WT_veg	NOTEST	0,647928	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN5464	ChrV_A_nidulans_FGSC_A4:2724064-2725871	WT_5hasex	WT_veg	OK	2,87029	6,08195	1,08334	-1,46521	0,142865	0,367376	no
AN5465	ChrV_A_nidulans_FGSC_A4:2721154-2723292	WT_5hasex	WT_veg	OK	3,23341	0,867266	-1,89851	2,04831	0,0405297	0,152268	no

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AN5466	ChrV_A_nidulans_FGSC_A4:2716182-2718772	WT_5hasex	WT_veg	NOTEST	0,113969	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN5467	ChrV_A_nidulans_FGSC_A4:2710874-2712355	WT_5hasex	WT_veg	OK	18,6075	21,6971	0,221614	-0,370026	0,711363	0,876014	no
AN5468	ChrV_A_nidulans_FGSC_A4:2709749-2710225	WT_5hasex	WT_veg	OK	10,6212	64,8845	2,61093	-3,68481	0,00022887	0,00223756	yes
AN5470	ChrV_A_nidulans_FGSC_A4:2703651-2705478	WT_5hasex	WT_veg	OK	3,12428	4,3514	0,477953	-0,667197	0,504647	0,752807	no
AN5471	ChrV_A_nidulans_FGSC_A4:2702320-2703359	WT_5hasex	WT_veg	OK	3,09537	3,12678	0,0145688	-0,0155844	0,987566	0,995529	no
AN5474	ChrV_A_nidulans_FGSC_A4:2691654-2692454	WT_5hasex	WT_veg	NOTEST	0,53029	2,09109	1,9794	-0,870705	0,383915	1	no
AN5475	ChrV_A_nidulans_FGSC_A4:2685267-2686508	WT_5hasex	WT_veg	NOTEST	0,267086	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN5476	ChrV_A_nidulans_FGSC_A4:2683542-2684574	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5477	ChrV_A_nidulans_FGSC_A4:2681203-2682657	WT_5hasex	WT_veg	NOTEST	1,88421	1,13089	-0,736498	0,501868	0,61576	1	no
AN5479	ChrV_A_nidulans_FGSC_A4:2675701-2677071	WT_5hasex	WT_veg	OK	12,7632	23,0335	0,851739	-1,48409	0,137786	0,358789	no
AN5480	ChrV_A_nidulans_FGSC_A4:2674776-2675589	WT_5hasex	WT_veg	OK	2185,49	15696,9	2,84445	-3,54852	0,00038741	0,00349594	yes
AN5481	ChrV_A_nidulans_FGSC_A4:2671331-2674127	WT_5hasex	WT_veg	OK	4,98463	17,0175	1,77146	-2,91696	0,00353465	0,0224363	yes
AN5483	ChrV_A_nidulans_FGSC_A4:2663262-2666935	WT_5hasex	WT_veg	OK	15,4098	52,2958	1,76285	-3,59253	0,00032748	0,00303388	yes
AN5484	ChrV_A_nidulans_FGSC_A4:2660600-2661170	WT_5hasex	WT_veg	OK	160,676	325,999	1,02071	-1,94447	0,0518385	0,182031	no
AN5487	ChrV_A_nidulans_FGSC_A4:2648417-2649492	WT_5hasex	WT_veg	OK	10,746	7,9365	-0,437226	0,550575	0,581925	0,802296	no
AN5488	ChrV_A_nidulans_FGSC_A4:2639514-2646010	WT_5hasex	WT_veg	OK	16,056	46,2629	1,52675	-3,16712	0,00153958	0,011227	yes
AN5489	ChrV_A_nidulans_FGSC_A4:2633531-2634870	WT_5hasex	WT_veg	OK	85,2489	251,257	1,55941	-3,14127	0,00168216	0,0120851	yes
AN5490	ChrV_A_nidulans_FGSC_A4:2630376-2632390	WT_5hasex	WT_veg	OK	56,7563	74,3175	0,388921	-0,754062	0,450812	0,712849	no
AN5491	ChrV_A_nidulans_FGSC_A4:2623048-2629526	WT_5hasex	WT_veg	OK	21,1123	37,2685	0,819871	-1,64446	0,100081	0,289523	no
AN5492	ChrV_A_nidulans_FGSC_A4:2620660-2622624	WT_5hasex	WT_veg	OK	16,4584	16,1031	-0,0314846	0,0593386	0,952682	0,982416	no
AN5495	ChrV_A_nidulans_FGSC_A4:2612838-2614017	WT_5hasex	WT_veg	OK	68,2087	100,733	0,562514	-1,13876	0,254802	0,524065	no
AN5496	ChrV_A_nidulans_FGSC_A4:2610565-2612643	WT_5hasex	WT_veg	OK	14,2393	29,5526	1,05341	-1,96462	0,0494587	0,176224	no
AN5497	ChrV_A_nidulans_FGSC_A4:2608751-2609800	WT_5hasex	WT_veg	OK	163,349	98,9882	-0,722628	1,32254	0,185987	0,435048	no
AN5498	ChrV_A_nidulans_FGSC_A4:2607036-2608114	WT_5hasex	WT_veg	OK	45,7116	100,209	1,13238	-2,28045	0,0225812	0,0975595	no
AN5500	ChrV_A_nidulans_FGSC_A4:2598336-2599530	WT_5hasex	WT_veg	NOTEST	0,523242	2,90487	2,47293	-2,28688	0,0222026	1	no
AN5501	ChrV_A_nidulans_FGSC_A4:2596580-2597543	WT_5hasex	WT_veg	NOTEST	0,214327	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN5502	ChrV_A_nidulans_FGSC_A4:2593069-2594539	WT_5hasex	WT_veg	OK	7,94553	0,731191	-3,44182	2,3987	0,0164534	0,0768098	no
AN5503	ChrV_A_nidulans_FGSC_A4:2590534-2592427	WT_5hasex	WT_veg	OK	7,59786	17,5175	1,20513	-1,96214	0,0497465	0,176925	no
AN5504	ChrV_A_nidulans_FGSC_A4:2587785-2589636	WT_5hasex	WT_veg	NOTEST	1,53424	0,434862	-1,8189	1,24173	0,214335	1	no
AN5505	ChrV_A_nidulans_FGSC_A4:2583160-2585059	WT_5hasex	WT_veg	OK	0,32594	6,49	4,31554	-3,55565	0,00037704	0,00341533	yes
AN5506	ChrV_A_nidulans_FGSC_A4:2580848-2581900	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5507	ChrV_A_nidulans_FGSC_A4:2578287-2580194	WT_5hasex	WT_veg	NOTEST	0,676354	0	-1.79769e+308	-1.79769e+308	0,0444961	1	no
AN5509	ChrV_A_nidulans_FGSC_A4:2568537-2570005	WT_5hasex	WT_veg	OK	28,3107	125,044	2,14301	-4,08534	4,4012E-05	0,00053622	yes
AN5510	ChrV_A_nidulans_FGSC_A4:2565335-2566565	WT_5hasex	WT_veg	OK	10,5449	34,0798	1,69237	-2,786	0,00533625	0,0313267	yes
AN5511	ChrV_A_nidulans_FGSC_A4:2563422-2564712	WT_5hasex	WT_veg	NOTEST	0,150987	0,479205	1,66622	-0,691454	0,48928	1	no
AN5512	ChrV_A_nidulans_FGSC_A4:2560766-2561470	WT_5hasex	WT_veg	OK	42,6319	138,16	1,69634	-3,1207	0,00180419	0,0128069	yes
AN5513	ChrV_A_nidulans_FGSC_A4:2557274-2560060	WT_5hasex	WT_veg	OK	3,70284	17,7271	2,25925	-3,39642	0,00068273	0,00567069	yes
AN5514	ChrV_A_nidulans_FGSC_A4:2551782-2556984	WT_5hasex	WT_veg	NOTEST	1,08494	0,520249	-1,06033	1,14497	0,25222	1	no
AN5516	ChrV_A_nidulans_FGSC_A4:2539924-2542671	WT_5hasex	WT_veg	OK	19,662	42,5441	1,11355	-2,23591	0,0253578	0,106594	no
AN5517	ChrV_A_nidulans_FGSC_A4:2534628-2538234	WT_5hasex	WT_veg	OK	44,8087	88,7602	0,986134	-2,05451	0,0399268	0,15064	no
AN5518	ChrV_A_nidulans_FGSC_A4:2532821-2533885	WT_5hasex	WT_veg	OK	24,7251	40,5165	0,712533	-1,30583	0,191609	0,442708	no
AN5519	ChrV_A_nidulans_FGSC_A4:2531899-2532591	WT_5hasex	WT_veg	OK	31,462	65,4928	1,05773	-1,85559	0,0635122	0,210297	no
AN5520	ChrV_A_nidulans_FGSC_A4:2530101-2531481	WT_5hasex	WT_veg	OK	684,527	1426,52	1,05932	-1,92287	0,0544966	0,188623	no
AN5522	ChrV_A_nidulans_FGSC_A4:2524939-2525578	WT_5hasex	WT_veg	OK	68,7997	201,744	1,55205	-3,08237	0,0020536	0,0142857	yes
AN5524	ChrV_A_nidulans_FGSC_A4:2520024-2521271	WT_5hasex	WT_veg	OK	62,4889	139,381	1,15736	-2,35431	0,0185569	0,0840656	no
AN5526	ChrV_A_nidulans_FGSC_A4:2514463-2515336	WT_5hasex	WT_veg	OK	79,6927	301,252	1,91845	-3,81863	0,00013419	0,00141851	yes
AN5528	ChrV_A_nidulans_FGSC_A4:2501540-2504386	WT_5hasex	WT_veg	OK	33,4591	36,9548	0,143363	-0,296205	0,767074	0,904288	no
AN5530	ChrV_A_nidulans_FGSC_A4:2495544-2496348	WT_5hasex	WT_veg	OK	49,9902	121,203	1,27771	-2,46689	0,013629	0,0663938	no
AN5531	ChrV_A_nidulans_FGSC_A4:2493356-2495358	WT_5hasex	WT_veg	OK	22,0061	19,0076	-0,21133	0,415361	0,677878	0,857236	no
AN5532	ChrV_A_nidulans_FGSC_A4:2492059-2492932	WT_5hasex	WT_veg	OK	10,0676	31,1524	1,62963	-2,52561	0,0115498	0,0583693	no
AN5533	ChrV_A_nidulans_FGSC_A4:2488486-2490919	WT_5hasex	WT_veg	OK	13,2242	40,53	1,61581	-2,98907	0,0027983	0,0184402	yes
AN5534	ChrV_A_nidulans_FGSC_A4:2486813-2488015	WT_5hasex	WT_veg	OK	28,7622	78,1819	1,44266	-2,47816	0,013206	0,0648569	no
AN5535	ChrV_A_nidulans_FGSC_A4:2483443-2485723	WT_5hasex	WT_veg	OK	32,2314	72,0515	1,16056	-2,35744	0,0184012	0,0835655	no

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AN5536	ChrV_A_nidulans_FGSC_A4:2481958-2483291	WT_5hasex	WT_veg	OK	54,2503	168,799	1,6376	-3,33117	0,00086482	0,00695067	yes
AN5538	ChrV_A_nidulans_FGSC_A4:2474863-2475535	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5539	ChrV_A_nidulans_FGSC_A4:2470097-2471315	WT_5hasex	WT_veg	NOTEST	0,364705	0	-1.79769e+308	-1.79769e+308	0,114919	1	no
AN5540	ChrV_A_nidulans_FGSC_A4:2467351-2469028	WT_5hasex	WT_veg	OK	162,233	96,0306	-0,756499	1,28997	0,197062	0,450464	no
AN5542	ChrV_A_nidulans_FGSC_A4:2462746-2464102	WT_5hasex	WT_veg	OK	18,3763	3,18353	-2,52915	3,48321	0,00049544	0,00431837	yes
AN5543	ChrV_A_nidulans_FGSC_A4:2461756-2462220	WT_5hasex	WT_veg	OK	2,93023	2,73167	-0,101232	0,0667204	0,946804	0,980192	no
AN5544	ChrV_A_nidulans_FGSC_A4:2460483-2461284	WT_5hasex	WT_veg	NOTEST	0,226696	1,05694	2,22106	-1,14626	0,251686	1	no
AN5545	ChrV_A_nidulans_FGSC_A4:2458543-2460055	WT_5hasex	WT_veg	NOTEST	0	1,61064	1.79769e+308	1.79769e+308	0,0114433	1	no
AN5547	ChrV_A_nidulans_FGSC_A4:2452441-2453638	WT_5hasex	WT_veg	OK	34,1847	110,245	1,68929	-3,11028	0,00186908	0,013184	yes
AN5549	ChrV_A_nidulans_FGSC_A4:2444817-2446788	WT_5hasex	WT_veg	OK	40,1529	140,698	1,80903	-3,58795	0,00033329	0,00307753	yes
AN5550	ChrV_A_nidulans_FGSC_A4:2441648-2443179	WT_5hasex	WT_veg	OK	6,24402	24,9494	1,99846	-2,69884	0,00695821	0,0389347	yes
AN5551	ChrV_A_nidulans_FGSC_A4:2439313-2441271	WT_5hasex	WT_veg	NOTEST	0,132242	1,0228	2,95127	-1,35463	0,175535	1	no
AN5555	ChrV_A_nidulans_FGSC_A4:2420461-2422176	WT_5hasex	WT_veg	NOTEST	0,305684	0,888609	1,53951	-0,965261	0,334414	1	no
AN5556	ChrV_A_nidulans_FGSC_A4:2419144-2419945	WT_5hasex	WT_veg	OK	36,2735	61,2979	0,75692	-1,40969	0,158632	0,393479	no
AN5557	ChrV_A_nidulans_FGSC_A4:2417538-2418688	WT_5hasex	WT_veg	OK	75,1928	95,1398	0,339454	-0,68839	0,491207	0,743508	no
AN5559	ChrV_A_nidulans_FGSC_A4:2411213-2412993	WT_5hasex	WT_veg	OK	6,80599	5,32087	-0,355142	0,511844	0,60876	0,818483	no
AN5561	ChrV_A_nidulans_FGSC_A4:2406895-2407975	WT_5hasex	WT_veg	OK	18,3433	43,0575	1,23101	-2,16188	0,0306273	0,12325	no
AN5564	ChrV_A_nidulans_FGSC_A4:2396164-2398077	WT_5hasex	WT_veg	OK	692,68	3348,53	2,27326	-3,5081	0,00045132	0,00399022	yes
AN5565	ChrV_A_nidulans_FGSC_A4:2393894-2394953	WT_5hasex	WT_veg	OK	10,2847	67,8838	2,72257	-4,07417	4,6179E-05	0,00055848	yes
AN5566	ChrV_A_nidulans_FGSC_A4:2389713-2391539	WT_5hasex	WT_veg	OK	27,0588	73,4541	1,44074	-2,85199	0,00434459	0,0265684	yes
AN5567	ChrV_A_nidulans_FGSC_A4:2386465-2387222	WT_5hasex	WT_veg	OK	33,0069	15,4761	-1,09273	1,91713	0,0552208	0,190349	no
AN5568	ChrV_A_nidulans_FGSC_A4:2381324-2384280	WT_5hasex	WT_veg	OK	194,004	289,918	0,579559	-0,96804	0,333024	0,609426	no
AN5569	ChrV_A_nidulans_FGSC_A4:2379045-2381037	WT_5hasex	WT_veg	OK	38,4635	53,8309	0,484944	-0,998046	0,318257	0,594322	no
AN5570	ChrV_A_nidulans_FGSC_A4:2375527-2377619	WT_5hasex	WT_veg	OK	43,4715	140,501	1,69244	-3,31708	0,00090963	0,00725073	yes
AN5572	ChrV_A_nidulans_FGSC_A4:2367623-2371002	WT_5hasex	WT_veg	OK	15,2795	24,1697	0,661602	-1,33619	0,181486	0,42833	no
AN5573	ChrV_A_nidulans_FGSC_A4:2364111-2366805	WT_5hasex	WT_veg	OK	49,7447	96,4803	0,955691	-1,98183	0,0474982	0,171408	no
AN5574	ChrV_A_nidulans_FGSC_A4:2361186-2362017	WT_5hasex	WT_veg	OK	10,2158	12,0107	0,23351	-0,316835	0,751369	0,896329	no
AN5575	ChrV_A_nidulans_FGSC_A4:2355773-2359002	WT_5hasex	WT_veg	OK	9,22644	15,8595	0,781503	-1,45105	0,146766	0,373923	no
AN5576	ChrV_A_nidulans_FGSC_A4:2353321-2354861	WT_5hasex	WT_veg	OK	15,7349	56,8454	1,85307	-3,34618	0,00081933	0,00662773	yes
AN5578	ChrV_A_nidulans_FGSC_A4:2349375-2351712	WT_5hasex	WT_veg	OK	13,0159	36,831	1,50064	-2,87749	0,00400848	0,0248328	yes
AN5579	ChrV_A_nidulans_FGSC_A4:2338964-2348646	WT_5hasex	WT_veg	OK	17,803	101,761	2,51498	-5,08953	3,5896E-07	7,3637E-06	yes
AN5580	ChrV_A_nidulans_FGSC_A4:2336650-2338180	WT_5hasex	WT_veg	OK	259,152	494,827	0,933125	-1,85423	0,0637063	0,210754	no
AN5581	ChrV_A_nidulans_FGSC_A4:2334905-2336273	WT_5hasex	WT_veg	OK	23,4996	36,1273	0,620451	-1,16595	0,243637	0,510897	no
AN5582	ChrV_A_nidulans_FGSC_A4:2331349-2332959	WT_5hasex	WT_veg	NOTEST	0,54048	3,29191	2,60661	-1,87159	0,0612635	1	no
AN5583	ChrV_A_nidulans_FGSC_A4:2327377-2328452	WT_5hasex	WT_veg	OK	72,6549	170,798	1,23316	-2,52489	0,0115736	0,0584615	no
AN5584	ChrV_A_nidulans_FGSC_A4:2320226-2321638	WT_5hasex	WT_veg	OK	21,2159	8,19995	-1,37146	1,9905	0,0465361	0,16882	no
AN5585	ChrV_A_nidulans_FGSC_A4:2317949-2319388	WT_5hasex	WT_veg	OK	58,0724	42,8693	-0,437906	0,881102	0,378262	0,652764	no
AN5586	ChrV_A_nidulans_FGSC_A4:2315793-2317149	WT_5hasex	WT_veg	OK	142,297	121,27	-0,230684	0,462334	0,643842	0,838084	no
AN5587	ChrV_A_nidulans_FGSC_A4:2313884-2314970	WT_5hasex	WT_veg	OK	9,49744	12,3098	0,374199	-0,579159	0,562482	0,790432	no
AN5588	ChrV_A_nidulans_FGSC_A4:2310399-2313331	WT_5hasex	WT_veg	OK	169,478	194,71	0,200229	-0,381084	0,703141	0,871189	no
AN5589	ChrV_A_nidulans_FGSC_A4:2306394-2309144	WT_5hasex	WT_veg	OK	140,453	199,729	0,507951	-0,985881	0,324192	0,600662	no
AN5590	ChrV_A_nidulans_FGSC_A4:2304558-2306220	WT_5hasex	WT_veg	OK	10,0878	8,39411	-0,265156	0,447711	0,654362	0,844089	no
AN5591	ChrV_A_nidulans_FGSC_A4:2302670-2304373	WT_5hasex	WT_veg	OK	118,039	667,652	2,49983	-5,03536	4,7695E-07	9,4671E-06	yes
AN5592	ChrV_A_nidulans_FGSC_A4:2298512-2301434	WT_5hasex	WT_veg	OK	16,2531	25,2715	0,636793	-1,23809	0,215681	0,475578	no
AN5593	ChrV_A_nidulans_FGSC_A4:2294012-2296678	WT_5hasex	WT_veg	OK	21,5139	33,9049	0,656223	-1,32286	0,185881	0,434884	no
AN5594	ChrV_A_nidulans_FGSC_A4:2291901-2293386	WT_5hasex	WT_veg	OK	3,21643	5,47104	0,766356	-1,03055	0,302751	0,578555	no
AN5595	ChrV_A_nidulans_FGSC_A4:2288171-2291722	WT_5hasex	WT_veg	OK	26,5448	58,223	1,13316	-2,33646	0,0194675	0,0872659	no
AN5596	ChrV_A_nidulans_FGSC_A4:2284350-2287469	WT_5hasex	WT_veg	OK	11,8052	22,7149	0,944215	-1,60974	0,107454	0,304581	no
AN5597	ChrV_A_nidulans_FGSC_A4:2284350-2287469	WT_5hasex	WT_veg	OK	280,749	557,894	0,99071	-1,90209	0,0571595	0,195158	no
AN5598	ChrV_A_nidulans_FGSC_A4:2282780-2284166	WT_5hasex	WT_veg	OK	33,7468	95,2404	1,49682	-2,90788	0,00363892	0,022966	yes
AN5599	ChrV_A_nidulans_FGSC_A4:2279082-2281960	WT_5hasex	WT_veg	OK	89,789	324,766	1,85479	-3,58446	0,00033778	0,00311461	yes
AN5600	ChrV_A_nidulans_FGSC_A4:2276891-2278849	WT_5hasex	WT_veg	OK	62,9867	105,153	0,739377	-1,52769	0,12659	0,339306	no
AN5601	ChrV_A_nidulans_FGSC_A4:2274988-2276689	WT_5hasex	WT_veg	OK	111,176	129,73	0,222668	-0,453578	0,650133	0,841622	no

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AN5602	ChrV_A_nidulans_FGSC_A4:2272709-2274633	WT_5hasex	WT_veg	OK	156,776	637,893	2,02461	-3,91008	9,2266E-05	0,00102326	yes
AN5603	ChrV_A_nidulans_FGSC_A4:2257108-2260929	WT_5hasex	WT_veg	OK	24,35	72,083	1,56574	-2,97828	0,00289869	0,0189871	yes
AN5605	ChrV_A_nidulans_FGSC_A4:2251416-2252275	WT_5hasex	WT_veg	OK	12,2109	57,1723	2,22714	-3,57427	0,00035121	0,00321692	yes
AN5606	ChrV_A_nidulans_FGSC_A4:2247988-2250923	WT_5hasex	WT_veg	OK	75,572	114,564	0,600235	-1,23921	0,215269	0,47503	no
AN5607	ChrV_A_nidulans_FGSC_A4:2240769-2246790	WT_5hasex	WT_veg	OK	24,1443	67,3647	1,48031	-3,11071	0,0018664	0,0131739	yes
AN5608	ChrV_A_nidulans_FGSC_A4:2230459-2232150	WT_5hasex	WT_veg	OK	2,19988	3,84192	0,804405	-0,983738	0,325244	0,601923	no
AN5609	ChrV_A_nidulans_FGSC_A4:2228077-2230098	WT_5hasex	WT_veg	OK	4,38592	8,50276	0,955052	-1,34179	0,179663	0,425695	no
AN5610	ChrV_A_nidulans_FGSC_A4:2220928-2225366	WT_5hasex	WT_veg	OK	17,7873	19,3365	0,12048	-0,245084	0,806391	0,922289	no
AN5612	ChrV_A_nidulans_FGSC_A4:2216193-2217969	WT_5hasex	WT_veg	OK	17,3006	39,2735	1,18273	-2,24538	0,0247439	0,104558	no
AN5614	ChrV_A_nidulans_FGSC_A4:2208507-2210727	WT_5hasex	WT_veg	OK	7,89316	12,7056	0,686786	-1,12037	0,262558	0,533283	no
AN5615	ChrV_A_nidulans_FGSC_A4:2203057-2206157	WT_5hasex	WT_veg	NOTEST	0	0,345304	1.79769e+308	1.79769e+308	0,0716995	1	no
AN5616	ChrV_A_nidulans_FGSC_A4:2200964-2202660	WT_5hasex	WT_veg	OK	35,1809	54,7814	0,638892	-1,27329	0,202915	0,458728	no
AN5617	ChrV_A_nidulans_FGSC_A4:2198640-2200227	WT_5hasex	WT_veg	OK	26,5055	26,0959	-0,0224693	0,0444079	0,964579	0,987164	no
AN5619	ChrV_A_nidulans_FGSC_A4:2194074-2196833	WT_5hasex	WT_veg	OK	17,4058	50,3209	1,53159	-3,0831	0,00204854	0,0142673	yes
AN5620	ChrV_A_nidulans_FGSC_A4:2191540-2193320	WT_5hasex	WT_veg	OK	13,9259	16,9159	0,280612	-0,511556	0,608962	0,818582	no
AN5621	ChrV_A_nidulans_FGSC_A4:2187435-2189000	WT_5hasex	WT_veg	OK	25,8457	123,78	2,25978	-4,54502	5,493E-06	8,419E-05	yes
AN5622	ChrV_A_nidulans_FGSC_A4:2184797-2186518	WT_5hasex	WT_veg	OK	9,99771	25,0487	1,32507	-2,2902	0,0220099	0,0958259	no
AN5623	ChrV_A_nidulans_FGSC_A4:2182361-2184169	WT_5hasex	WT_veg	OK	21,2123	13,2397	-0,680032	1,31416	0,188791	0,438888	no
AN5624	ChrV_A_nidulans_FGSC_A4:2178020-2182109	WT_5hasex	WT_veg	OK	30,1927	266,684	3,14286	-6,38855	1,6747E-10	6,6939E-09	yes
AN5625	ChrV_A_nidulans_FGSC_A4:2175416-2176392	WT_5hasex	WT_veg	OK	22,9141	61,1443	1,41598	-2,50607	0,0122082	0,0609805	no
AN5628	ChrV_A_nidulans_FGSC_A4:2159839-2161670	WT_5hasex	WT_veg	NOTEST	0,377819	0,45315	0,262295	-0,159115	0,873578	1	no
AN5629	ChrV_A_nidulans_FGSC_A4:2157708-2159563	WT_5hasex	WT_veg	OK	94,9295	167,435	0,81867	-1,69706	0,0896845	0,268567	no
AN5630	ChrV_A_nidulans_FGSC_A4:2155234-2157506	WT_5hasex	WT_veg	OK	12,7122	24,9748	0,974253	-1,82166	0,0685073	0,222121	no
AN5631	ChrV_A_nidulans_FGSC_A4:2151106-2154944	WT_5hasex	WT_veg	OK	40,4486	48,9069	0,273948	-0,567221	0,570564	0,795409	no
AN5632	ChrV_A_nidulans_FGSC_A4:2149092-2149845	WT_5hasex	WT_veg	OK	55,9916	92,5785	0,725465	-1,33948	0,180413	0,426895	no
AN5633	ChrV_A_nidulans_FGSC_A4:2144134-2146660	WT_5hasex	WT_veg	OK	10,1365	21,4193	1,07935	-1,96327	0,0496153	0,176662	no
AN5637	ChrV_A_nidulans_FGSC_A4:2131743-2132722	WT_5hasex	WT_veg	OK	34,5793	59,0016	0,770846	-1,39695	0,16243	0,398779	no
AN5638	ChrV_A_nidulans_FGSC_A4:2130127-2131150	WT_5hasex	WT_veg	OK	21,4044	48,8434	1,19026	-2,16776	0,0301773	0,121858	no
AN5639	ChrV_A_nidulans_FGSC_A4:2128164-2129835	WT_5hasex	WT_veg	OK	18,7039	53,3029	1,51088	-2,75553	0,0058597	0,0338321	yes
AN5640	ChrV_A_nidulans_FGSC_A4:2123585-2127012	WT_5hasex	WT_veg	OK	25,8406	40,5408	0,649737	-1,33912	0,180532	0,427014	no
AN5641	ChrV_A_nidulans_FGSC_A4:2119727-2121754	WT_5hasex	WT_veg	OK	25,9494	38,5053	0,569356	-1,14325	0,252937	0,522011	no
AN5642	ChrV_A_nidulans_FGSC_A4:2117844-2119046	WT_5hasex	WT_veg	OK	40,5867	102,902	1,34219	-2,71622	0,00660312	0,0373991	yes
AN5643	ChrV_A_nidulans_FGSC_A4:2113657-2117337	WT_5hasex	WT_veg	OK	29,1611	66,4859	1,189	-2,48402	0,0129907	0,0640402	no
AN5644	ChrV_A_nidulans_FGSC_A4:2111055-2112763	WT_5hasex	WT_veg	OK	28,7771	40,4577	0,491493	-0,97599	0,32907	0,605601	no
AN5646	ChrV_A_nidulans_FGSC_A4:2106701-2109184	WT_5hasex	WT_veg	OK	90,9483	207,435	1,18954	-2,4876	0,0128608	0,0635426	no
AN5647	ChrV_A_nidulans_FGSC_A4:2105220-2106120	WT_5hasex	WT_veg	OK	20,9539	34,7542	0,729967	-1,23637	0,216319	0,476417	no
AN5648	ChrV_A_nidulans_FGSC_A4:2101620-2104234	WT_5hasex	WT_veg	OK	23,2815	37,4056	0,684067	-1,38488	0,166088	0,404744	no
AN5649	ChrV_A_nidulans_FGSC_A4:2094915-2100573	WT_5hasex	WT_veg	OK	26,8509	20,2598	-0,406352	0,750481	0,452965	0,714389	no
AN5650	ChrV_A_nidulans_FGSC_A4:2089626-2091343	WT_5hasex	WT_veg	OK	48,2389	24,1457	-0,998432	2,00411	0,045058	0,164722	no
AN5651	ChrV_A_nidulans_FGSC_A4:2086892-2089098	WT_5hasex	WT_veg	OK	5,09325	11,5391	1,17987	-1,86185	0,0626246	0,208319	no
AN5652	ChrV_A_nidulans_FGSC_A4:2082150-2086417	WT_5hasex	WT_veg	OK	12,6703	31,1344	1,29705	-2,54562	0,0109083	0,0557731	no
AN5653	ChrV_A_nidulans_FGSC_A4:2079840-2080863	WT_5hasex	WT_veg	OK	4,83887	16,0781	1,73235	-2,4785	0,0131937	0,0648021	no
AN5654	ChrV_A_nidulans_FGSC_A4:2079309-2079783	WT_5hasex	WT_veg	OK	0,422378	6,03972	3,83787	-1,82057	0,068673	0,222484	no
AN5655	ChrV_A_nidulans_FGSC_A4:2075275-2077220	WT_5hasex	WT_veg	OK	3,98287	15,1086	1,92349	-2,84735	0,00440844	0,0268993	yes
AN5656	ChrV_A_nidulans_FGSC_A4:2072456-2074285	WT_5hasex	WT_veg	OK	2,69749	10,459	1,95505	-2,79702	0,00515761	0,0304907	yes
AN5657	ChrV_A_nidulans_FGSC_A4:2070883-2072248	WT_5hasex	WT_veg	OK	68,9446	76,0015	0,14059	-0,290141	0,771708	0,906319	no
AN5658	ChrV_A_nidulans_FGSC_A4:2068173-2070135	WT_5hasex	WT_veg	OK	16,9935	25,3598	0,577561	-1,05502	0,291418	0,566133	no
AN5659	ChrV_A_nidulans_FGSC_A4:2065918-2067014	WT_5hasex	WT_veg	OK	4,86729	6,50718	0,418912	-0,560556	0,575101	0,798292	no
AN5662	ChrV_A_nidulans_FGSC_A4:2046946-2049507	WT_5hasex	WT_veg	OK	88,3513	161,342	0,8688	-1,7609	0,078256	0,243993	no
AN5663	ChrV_A_nidulans_FGSC_A4:2045062-2046643	WT_5hasex	WT_veg	OK	44,2926	79,4331	0,842675	-1,70634	0,0879441	0,264808	no
AN5664	ChrV_A_nidulans_FGSC_A4:2042315-2043637	WT_5hasex	WT_veg	OK	7,61971	35,9262	2,23723	-2,83591	0,00456955	0,0276701	yes
AN5667	ChrV_A_nidulans_FGSC_A4:2034811-2037011	WT_5hasex	WT_veg	OK	11,3011	45,6277	2,01345	-3,67514	0,00023772	0,00231067	yes
AN5668	ChrV_A_nidulans_FGSC_A4:2032782-2034295	WT_5hasex	WT_veg	OK	150,453	388,848	1,36989	-2,58798	0,00965408	0,050645	no

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AN5669	ChrV_A_nidulans_FGSC_A4:2029904-2031833	WT_5hasex	WT_veg	OK	19,6861	39,975	1,02192	-1,95505	0,0505774	0,178981	no
AN5670	ChrV_A_nidulans_FGSC_A4:2023307-2024206	WT_5hasex	WT_veg	OK	382,338	689,122	0,849909	-1,68838	0,0913389	0,271581	no
AN5671	ChrV_A_nidulans_FGSC_A4:2017738-2020919	WT_5hasex	WT_veg	OK	108,328	173,421	0,678874	-1,23975	0,215067	0,4748	no
AN5672	ChrV_A_nidulans_FGSC_A4:2015732-2017248	WT_5hasex	WT_veg	OK	4,71969	6,72997	0,511907	-0,725223	0,468315	0,726742	no
AN5673	ChrV_A_nidulans_FGSC_A4:2012190-2014990	WT_5hasex	WT_veg	OK	4,25078	5,5845	0,3937	-0,626356	0,531082	0,770288	no
AN5674	ChrV_A_nidulans_FGSC_A4:2007300-2009513	WT_5hasex	WT_veg	OK	22,3075	29,4249	0,399508	-0,755548	0,449921	0,712137	no
AN5675	ChrV_A_nidulans_FGSC_A4:2004579-2006595	WT_5hasex	WT_veg	OK	74,8565	98,8528	0,401155	-0,811553	0,417048	0,686008	no
AN5676	ChrV_A_nidulans_FGSC_A4:2002227-2004252	WT_5hasex	WT_veg	OK	11,8358	16,4573	0,475567	-0,862614	0,38835	0,661809	no
AN5677	ChrV_A_nidulans_FGSC_A4:1998842-2001751	WT_5hasex	WT_veg	OK	26,6657	55,1469	1,04829	-2,16998	0,0300087	0,12142	no
AN5678	ChrV_A_nidulans_FGSC_A4:1995775-1997948	WT_5hasex	WT_veg	OK	47,8168	37,2551	-0,360077	0,698658	0,484765	0,738952	no
AN5679	ChrV_A_nidulans_FGSC_A4:1994597-1995449	WT_5hasex	WT_veg	OK	143,228	271,823	0,924356	-1,89339	0,0583058	0,198001	no
AN5680	ChrV_A_nidulans_FGSC_A4:1992817-1993848	WT_5hasex	WT_veg	OK	2,33946	0,956926	-1,28969	1,05266	0,292499	0,567275	no
AN5681	ChrV_A_nidulans_FGSC_A4:1991260-1992434	WT_5hasex	WT_veg	OK	7,91803	6,03902	-0,390826	0,574819	0,565414	0,792278	no
AN5682	ChrV_A_nidulans_FGSC_A4:1988888-1990928	WT_5hasex	WT_veg	OK	47,5028	82,0641	0,788739	-1,61393	0,106542	0,302864	no
AN5683	ChrV_A_nidulans_FGSC_A4:1987543-1988512	WT_5hasex	WT_veg	OK	34,9051	40,0056	0,196765	-0,376168	0,706792	0,873275	no
AN5684	ChrV_A_nidulans_FGSC_A4:1985718-1986940	WT_5hasex	WT_veg	OK	112,147	85,5012	-0,391367	0,803271	0,421818	0,689928	no
AN5685	ChrV_A_nidulans_FGSC_A4:1984795-1985522	WT_5hasex	WT_veg	OK	9,87515	40,939	2,0516	-3,10309	0,0019151	0,0134578	yes
AN5687	ChrV_A_nidulans_FGSC_A4:1981723-1983409	WT_5hasex	WT_veg	OK	44,176	84,7322	0,939647	-1,86053	0,0628109	0,208687	no
AN5688	ChrV_A_nidulans_FGSC_A4:1979583-1981379	WT_5hasex	WT_veg	OK	97,478	55,813	-0,804474	1,65273	0,0983858	0,286073	no
AN5689	ChrV_A_nidulans_FGSC_A4:1975995-1977815	WT_5hasex	WT_veg	NOTEST	1,32998	1,81769	0,4507	-0,467733	0,639975	1	no
AN5690	ChrV_A_nidulans_FGSC_A4:1971273-1973536	WT_5hasex	WT_veg	OK	6,32293	18,6387	1,55964	-2,47252	0,0134163	0,0656191	no
AN5691	ChrV_A_nidulans_FGSC_A4:1968520-1970429	WT_5hasex	WT_veg	OK	1,36158	4,68757	1,78356	-2,15582	0,0310979	0,124854	no
AN5692	ChrV_A_nidulans_FGSC_A4:1966184-1968266	WT_5hasex	WT_veg	OK	49,9828	88,0132	0,816289	-1,70344	0,0884854	0,265964	no
AN5693	ChrV_A_nidulans_FGSC_A4:1964703-1965743	WT_5hasex	WT_veg	OK	83,867	242,38	1,53109	-2,99293	0,0027631	0,0182496	yes
AN5694	ChrV_A_nidulans_FGSC_A4:1961833-1964039	WT_5hasex	WT_veg	OK	7,31678	28,082	1,94036	-3,30473	0,00095068	0,00753441	yes
AN5695	ChrV_A_nidulans_FGSC_A4:1960287-1961565	WT_5hasex	WT_veg	OK	79,3027	83,851	0,0804584	-0,165232	0,868761	0,949725	no
AN5696	ChrV_A_nidulans_FGSC_A4:1959572-1960182	WT_5hasex	WT_veg	OK	2626,83	2818,62	0,101664	-0,176614	0,859812	0,945677	no
AN5698	ChrV_A_nidulans_FGSC_A4:1951037-1952368	WT_5hasex	WT_veg	OK	15,013	25,364	0,756574	-1,33577	0,181624	0,428483	no
AN5699	ChrV_A_nidulans_FGSC_A4:1949465-1950368	WT_5hasex	WT_veg	OK	21,634	67,5727	1,64314	-2,86768	0,00413495	0,0254857	yes
AN5700	ChrV_A_nidulans_FGSC_A4:1948051-1949131	WT_5hasex	WT_veg	OK	4,98283	11,5114	1,20803	-1,68562	0,0918693	0,272833	no
AN5702	ChrV_A_nidulans_FGSC_A4:1941270-1943070	WT_5hasex	WT_veg	OK	28,3693	187,617	2,72539	-5,30511	1,126E-07	2,5903E-06	yes
AN5703	ChrV_A_nidulans_FGSC_A4:1938637-1940759	WT_5hasex	WT_veg	OK	143,521	314,303	1,1309	-2,34645	0,0189533	0,0854136	no
AN5704	ChrV_A_nidulans_FGSC_A4:1938637-1940759	WT_5hasex	WT_veg	OK	338,759	419,388	0,308026	-0,620737	0,534773	0,772628	no
AN5705	ChrV_A_nidulans_FGSC_A4:1936540-1937948	WT_5hasex	WT_veg	OK	76,6716	124,949	0,704579	-1,45588	0,145426	0,371636	no
AN5707	ChrV_A_nidulans_FGSC_A4:1930715-1931762	WT_5hasex	WT_veg	OK	8,20635	23,788	1,53542	-2,3596	0,0182948	0,0831612	no
AN5708	ChrV_A_nidulans_FGSC_A4:1928428-1930394	WT_5hasex	WT_veg	OK	15,9929	29,6124	0,888772	-1,61538	0,106229	0,30222	no
AN5709	ChrV_A_nidulans_FGSC_A4:1924040-1925717	WT_5hasex	WT_veg	OK	7,82122	2,09151	-1,90285	2,55552	0,0106031	0,0545583	no
AN5710	ChrV_A_nidulans_FGSC_A4:1919477-1921828	WT_5hasex	WT_veg	OK	27,0677	41,6424	0,621483	-1,25482	0,209543	0,467414	no
AN5711	ChrV_A_nidulans_FGSC_A4:1917943-1919230	WT_5hasex	WT_veg	OK	16,4805	53,8688	1,70869	-3,02644	0,00247455	0,0166666	yes
AN5714	ChrV_A_nidulans_FGSC_A4:1908462-1911121	WT_5hasex	WT_veg	OK	94,178	161,621	0,779151	-1,5786	0,114428	0,317374	no
AN5715	ChrV_A_nidulans_FGSC_A4:1907257-1908219	WT_5hasex	WT_veg	OK	1543,09	2378,82	0,624422	-1,113	0,265707	0,537071	no
AN5716	ChrV_A_nidulans_FGSC_A4:1904108-1906724	WT_5hasex	WT_veg	OK	133,847	201,171	0,587844	-1,14177	0,253548	0,522882	no
AN5718	ChrV_A_nidulans_FGSC_A4:1897748-1899481	WT_5hasex	WT_veg	OK	65,6665	170,901	1,37993	-2,83899	0,0045257	0,0274614	yes
AN5719	ChrV_A_nidulans_FGSC_A4:1896220-1897366	WT_5hasex	WT_veg	OK	1498,1	1978,17	0,401033	-0,664733	0,506221	0,753918	no
AN5721	ChrV_A_nidulans_FGSC_A4:1892129-1894422	WT_5hasex	WT_veg	OK	31,1991	96,6511	1,63128	-3,35601	0,00079076	0,0064264	yes
AN5722	ChrV_A_nidulans_FGSC_A4:1889828-1891735	WT_5hasex	WT_veg	OK	45,7577	70,84	0,63055	-1,28865	0,197521	0,45114	no
AN5723	ChrV_A_nidulans_FGSC_A4:1887881-1889181	WT_5hasex	WT_veg	OK	18,6318	35,8147	0,942787	-1,70157	0,0888355	0,266756	no
AN5724	ChrV_A_nidulans_FGSC_A4:1886771-1887761	WT_5hasex	WT_veg	OK	13,4101	20,3957	0,604946	-0,999798	0,317408	0,593656	no
AN5725	ChrV_A_nidulans_FGSC_A4:1884569-1886431	WT_5hasex	WT_veg	OK	42,3035	43,5787	0,0428478	-0,087487	0,930284	0,973566	no
AN5728	ChrV_A_nidulans_FGSC_A4:1874467-1878679	WT_5hasex	WT_veg	OK	55,6994	126,715	1,18586	-2,298	0,0215621	0,094323	no
AN5729	ChrV_A_nidulans_FGSC_A4:1864476-1865310	WT_5hasex	WT_veg	NOTEST	0,859719	1,26476	0,556926	-0,302171	0,762522	1	no
AN5730	ChrV_A_nidulans_FGSC_A4:1860296-1863388	WT_5hasex	WT_veg	OK	9,0345	13,1005	0,536102	-1,00184	0,316421	0,592416	no
AN5731	ChrV_A_nidulans_FGSC_A4:1858402-1859873	WT_5hasex	WT_veg	OK	67,5918	48,3379	-0,483693	0,949258	0,34249	0,617913	no

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AN5732	ChrV_A_nidulans_FGSC_A4:1856646-1858062	WT_5hasex	WT_veg	OK	19,2568	30,1151	0,645118	-1,18946	0,23426	0,499324	no
AN5733	ChrV_A_nidulans_FGSC_A4:1853817-1855830	WT_5hasex	WT_veg	NOTEST	0,725796	1,8514	1,35098	-1,44778	0,147678		1 no
AN5734	ChrV_A_nidulans_FGSC_A4:1849616-1851483	WT_5hasex	WT_veg	OK	3,39551	7,20284	1,08494	-1,50667	0,131895	0,348647	no
AN5735	ChrV_A_nidulans_FGSC_A4:1846210-1848932	WT_5hasex	WT_veg	OK	13,9152	37,4761	1,4293	-2,78526	0,00534851	0,031375	yes
AN5736	ChrV_A_nidulans_FGSC_A4:1844871-1845857	WT_5hasex	WT_veg	OK	26,1868	32,4627	0,309945	-0,553258	0,580087	0,801082	no
AN5737	ChrV_A_nidulans_FGSC_A4:1841641-1844467	WT_5hasex	WT_veg	OK	96,1386	243,105	1,33839	-2,69953	0,00694383	0,0388789	yes
AN5738	ChrV_A_nidulans_FGSC_A4:1841641-1844467	WT_5hasex	WT_veg	OK	50,7179	29,3259	-0,790318	1,55001	0,121138	0,329778	no
AN5739	ChrV_A_nidulans_FGSC_A4:1838513-1841457	WT_5hasex	WT_veg	OK	24,2782	36,0223	0,569229	-1,15469	0,248217	0,516382	no
AN5741	ChrV_A_nidulans_FGSC_A4:1833653-1834821	WT_5hasex	WT_veg	OK	64,1745	177,933	1,47126	-3,0127	0,00258933	0,0173047	yes
AN5742	ChrV_A_nidulans_FGSC_A4:1831634-1833304	WT_5hasex	WT_veg	OK	6,63539	14,9458	1,17148	-1,8062	0,0708871	0,227528	no
AN5743	ChrV_A_nidulans_FGSC_A4:1827232-1830752	WT_5hasex	WT_veg	OK	68,5617	224,657	1,71225	-3,48907	0,0004847	0,00423675	yes
AN5744	ChrV_A_nidulans_FGSC_A4:1824071-1826334	WT_5hasex	WT_veg	OK	357,445	640,633	0,841776	-1,56342	0,117953	0,323969	no
AN5745	ChrV_A_nidulans_FGSC_A4:1822552-1823849	WT_5hasex	WT_veg	OK	139,431	439,246	1,65548	-3,40369	0,00066481	0,00554207	yes
AN5747	ChrV_A_nidulans_FGSC_A4:1817998-1819453	WT_5hasex	WT_veg	OK	320,091	452,073	0,49807	-0,97235	0,330877	0,607221	no
AN5748	ChrV_A_nidulans_FGSC_A4:1815192-1817780	WT_5hasex	WT_veg	OK	20,4056	24,1486	0,242976	-0,473274	0,636017	0,833631	no
AN5749	ChrV_A_nidulans_FGSC_A4:1813478-1814956	WT_5hasex	WT_veg	OK	55,6732	92,1532	0,72705	-1,48531	0,137462	0,358265	no
AN5750	ChrV_A_nidulans_FGSC_A4:1809772-1811362	WT_5hasex	WT_veg	OK	38,828	262,158	2,75527	-5,69713	1,2184E-08	3,4605E-07	yes
AN5751	ChrV_A_nidulans_FGSC_A4:1805866-1808259	WT_5hasex	WT_veg	OK	11,8618	23,3217	0,975351	-1,66907	0,0951029	0,279459	no
AN5752	ChrV_A_nidulans_FGSC_A4:1804772-1805638	WT_5hasex	WT_veg	OK	54,9852	134,101	1,2862	-2,50017	0,0124133	0,0617854	no
AN5753	ChrV_A_nidulans_FGSC_A4:1802951-1803904	WT_5hasex	WT_veg	OK	404,589	586,497	0,535665	-1,06645	0,286222	0,560506	no
AN5754	ChrV_A_nidulans_FGSC_A4:1800628-1802638	WT_5hasex	WT_veg	OK	15,3967	37,6359	1,28949	-2,33263	0,0196676	0,0879897	no
AN5756	ChrV_A_nidulans_FGSC_A4:1795911-1796379	WT_5hasex	WT_veg	OK	2,86682	3,77443	0,396809	-0,347079	0,728532	0,885001	no
AN5757	ChrV_A_nidulans_FGSC_A4:1789098-1790925	WT_5hasex	WT_veg	OK	97,3323	197,447	1,02048	-2,01885	0,0435032	0,160449	no
AN5758	ChrV_A_nidulans_FGSC_A4:1785769-1787323	WT_5hasex	WT_veg	OK	15,8564	33,5226	1,08007	-1,95909	0,0501021	0,177798	no
AN5759	ChrV_A_nidulans_FGSC_A4:1781923-1784803	WT_5hasex	WT_veg	OK	12,9413	48,2861	1,89962	-3,7385	0,00018513	0,00186448	yes
AN5760	ChrV_A_nidulans_FGSC_A4:1778880-1780499	WT_5hasex	WT_veg	OK	22,9179	30,4503	0,40998	-0,791642	0,428569	0,695075	no
AN5761	ChrV_A_nidulans_FGSC_A4:1777905-1778677	WT_5hasex	WT_veg	OK	25,934	25,9937	0,00331361	-0,00556507	0,99556	0,998362	no
AN5762	ChrV_A_nidulans_FGSC_A4:1776878-1777627	WT_5hasex	WT_veg	OK	4,17591	2,52323	-0,726818	0,599367	0,548928	0,781464	no
AN5763	ChrV_A_nidulans_FGSC_A4:1773190-1775245	WT_5hasex	WT_veg	OK	5,63621	13,52	1,26229	-1,72099	0,0852534	0,259238	no
AN5764	ChrV_A_nidulans_FGSC_A4:1769851-1772542	WT_5hasex	WT_veg	OK	59,695	291,848	2,28953	-4,71859	2,3749E-06	3,9925E-05	yes
AN5765	ChrV_A_nidulans_FGSC_A4:1768764-1769358	WT_5hasex	WT_veg	OK	2,83074	21,6098	2,93244	-3,01675	0,00255504	0,0171236	yes
AN5767	ChrV_A_nidulans_FGSC_A4:1763099-1764024	WT_5hasex	WT_veg	OK	20,8799	24,0384	0,203222	-0,347694	0,72807	0,884794	no
AN5768	ChrV_A_nidulans_FGSC_A4:1761458-1762904	WT_5hasex	WT_veg	OK	112,255	466,739	2,05584	-4,26968	1,9576E-05	0,00026155	yes
AN5770	ChrV_A_nidulans_FGSC_A4:1756549-1757952	WT_5hasex	WT_veg	OK	25,6951	50,1535	0,964855	-1,8212	0,0685763	0,222276	no
AN5771	ChrV_A_nidulans_FGSC_A4:1755337-1756186	WT_5hasex	WT_veg	OK	145,475	366,782	1,33415	-2,7705	0,00559704	0,0325776	yes
AN5774	ChrV_A_nidulans_FGSC_A4:1737000-1742774	WT_5hasex	WT_veg	OK	17,7196	26,3322	0,571483	-1,19581	0,231772	0,496075	no
AN5775	ChrV_A_nidulans_FGSC_A4:1732249-1734856	WT_5hasex	WT_veg	OK	11,5489	37,7655	1,70931	-3,12063	0,00180463	0,0128069	yes
AN5776	ChrV_A_nidulans_FGSC_A4:1727558-1731516	WT_5hasex	WT_veg	OK	24,8698	61,4299	1,30455	-2,64659	0,00813078	0,0441832	yes
AN5777	ChrV_A_nidulans_FGSC_A4:1726037-1727320	WT_5hasex	WT_veg	OK	14,2611	22,6228	0,665689	-1,15314	0,248853	0,516963	no
AN5778	ChrV_A_nidulans_FGSC_A4:1724404-1725800	WT_5hasex	WT_veg	OK	136,673	206,001	0,591925	-1,21998	0,222472	0,484216	no
AN5779	ChrV_A_nidulans_FGSC_A4:1723486-1724245	WT_5hasex	WT_veg	OK	45,0926	52,866	0,229448	-0,430583	0,666772	0,851057	no
AN5780	ChrV_A_nidulans_FGSC_A4:1718300-1720795	WT_5hasex	WT_veg	OK	11,4483	11,2917	-0,0198693	0,0340123	0,972867	0,99033	no
AN5781	ChrV_A_nidulans_FGSC_A4:1716870-1718129	WT_5hasex	WT_veg	OK	1587,51	3018,66	0,927145	-1,19995	0,230158	0,493868	no
AN5782	ChrV_A_nidulans_FGSC_A4:1714275-1715399	WT_5hasex	WT_veg	OK	118,536	494,223	2,05983	-4,20364	2,6265E-05	0,00034017	yes
AN5784	ChrV_A_nidulans_FGSC_A4:1710663-1711691	WT_5hasex	WT_veg	OK	329,637	629,981	0,93443	-1,84212	0,0654578	0,214879	no
AN5785	ChrV_A_nidulans_FGSC_A4:1709606-1710522	WT_5hasex	WT_veg	OK	75,5357	565,944	2,90543	-5,93289	2,9764E-09	9,5337E-08	yes
AN5786	ChrV_A_nidulans_FGSC_A4:1707035-1709299	WT_5hasex	WT_veg	OK	44,7489	144,479	1,69094	-3,50414	0,00045809	0,00404123	yes
AN5787	ChrV_A_nidulans_FGSC_A4:1701990-1706350	WT_5hasex	WT_veg	OK	12,755	30,3602	1,25112	-2,49543	0,0125806	0,0624582	no
AN5788	ChrV_A_nidulans_FGSC_A4:1700525-1701344	WT_5hasex	WT_veg	OK	38,6639	173,069	2,16229	-3,95592	7,624E-05	0,00086606	yes
AN5789	ChrV_A_nidulans_FGSC_A4:1698844-1700214	WT_5hasex	WT_veg	OK	28,6588	116,187	2,0194	-3,95162	7,7625E-05	0,0008795	yes
AN5790	ChrV_A_nidulans_FGSC_A4:1696879-1698808	WT_5hasex	WT_veg	OK	432,672	740,052	0,774355	-1,41705	0,156468	0,389606	no
AN5792	ChrV_A_nidulans_FGSC_A4:1694113-1695149	WT_5hasex	WT_veg	OK	87,0691	83,9534	-0,0525733	0,100924	0,919611	0,969327	no
AN5793	ChrV_A_nidulans_FGSC_A4:1691293-1693540	WT_5hasex	WT_veg	OK	267,536	405,27	0,599149	-1,1288	0,258983	0,529102	no

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AN5795	ChrV_A_nidulans_FGSC_A4:1680998-1684994	WT_5hasex	WT_veg	OK	21,8177	52,5705	1,26875	-2,63265	0,0084722	0,0456514	yes
AN5796	ChrV_A_nidulans_FGSC_A4:1678728-1679943	WT_5hasex	WT_veg	OK	11,0595	25,7101	1,21704	-2,02891	0,0424677	0,157572	no
AN5797	ChrV_A_nidulans_FGSC_A4:1672553-1677001	WT_5hasex	WT_veg	OK	26,2125	49,7887	0,925566	-1,93298	0,0532385	0,185481	no
AN5799	ChrI_A_nidulans_FGSC_A4:2204395-2207013	WT_5hasex	WT_veg	OK	82,0008	211,924	1,36984	-2,79236	0,00523247	0,0308553	yes
AN5800	ChrI_A_nidulans_FGSC_A4:2204395-2207013	WT_5hasex	WT_veg	OK	717,407	1097,93	0,613925	-1,02781	0,30404	0,580076	no
AN5801	ChrI_A_nidulans_FGSC_A4:2202083-2203428	WT_5hasex	WT_veg	OK	76,2557	131,803	0,789462	-1,62274	0,104644	0,298929	no
AN5804	ChrI_A_nidulans_FGSC_A4:2192474-2195321	WT_5hasex	WT_veg	OK	40,0061	71,3023	0,833727	-1,67466	0,0940002	0,277169	no
AN5806	ChrI_A_nidulans_FGSC_A4:2186266-2187260	WT_5hasex	WT_veg	OK	98,1996	264,282	1,42829	-2,8503	0,00436774	0,026682	yes
AN5807	ChrI_A_nidulans_FGSC_A4:2181303-2184812	WT_5hasex	WT_veg	OK	21,2304	44,5235	1,06844	-2,1642	0,030449	0,122714	no
AN5808	ChrI_A_nidulans_FGSC_A4:2178376-2180822	WT_5hasex	WT_veg	OK	8,90349	20,7529	1,22087	-2,11094	0,0347775	0,136011	no
AN5809	ChrI_A_nidulans_FGSC_A4:2177164-2178035	WT_5hasex	WT_veg	OK	32,0493	45,6333	0,509797	-0,93082	0,351947	0,627495	no
AN5811	ChrI_A_nidulans_FGSC_A4:2171925-2172935	WT_5hasex	WT_veg	OK	11,541	35,2166	1,60948	-2,54649	0,0108812	0,0556672	no
AN5812	ChrI_A_nidulans_FGSC_A4:2168300-2170929	WT_5hasex	WT_veg	OK	70,0693	130,435	0,896475	-1,85704	0,0633054	0,209865	no
AN5813	ChrI_A_nidulans_FGSC_A4:2166822-2168004	WT_5hasex	WT_veg	OK	33,41	77,1706	1,20777	-2,34576	0,0189882	0,0855221	no
AN5814	ChrI_A_nidulans_FGSC_A4:2165393-2166340	WT_5hasex	WT_veg	OK	57,0244	38,5796	-0,563741	1,10064	0,271054	0,54331	no
AN5815	ChrI_A_nidulans_FGSC_A4:2163703-2165131	WT_5hasex	WT_veg	OK	111,183	137,742	0,309031	-0,635572	0,525056	0,766512	no
AN5816	ChrI_A_nidulans_FGSC_A4:2162554-2163435	WT_5hasex	WT_veg	OK	81,3015	75,7623	-0,101802	0,201618	0,840216	0,936666	no
AN5817	ChrI_A_nidulans_FGSC_A4:2160839-2162324	WT_5hasex	WT_veg	OK	22,9172	46,6573	1,02567	-1,92031	0,054819	0,1894	no
AN5818	ChrI_A_nidulans_FGSC_A4:2159926-2160468	WT_5hasex	WT_veg	OK	9,76443	29,4696	1,59362	-2,16699	0,030236	0,122039	no
AN5819	ChrI_A_nidulans_FGSC_A4:2158285-2159557	WT_5hasex	WT_veg	OK	204,694	506,151	1,3061	-2,617	0,00887055	0,0474079	yes
AN5821	ChrI_A_nidulans_FGSC_A4:2152438-2154224	WT_5hasex	WT_veg	OK	10,6936	21,5283	1,00948	-1,6036	0,108802	0,307241	no
AN5824	ChrI_A_nidulans_FGSC_A4:2136040-2138535	WT_5hasex	WT_veg	OK	36,6836	94,1095	1,35921	-2,81818	0,00482965	0,028937	yes
AN5826	ChrI_A_nidulans_FGSC_A4:2128751-2130717	WT_5hasex	WT_veg	OK	20,3493	25,0093	0,297481	-0,571588	0,567601	0,793812	no
AN5827	ChrI_A_nidulans_FGSC_A4:2125074-2128461	WT_5hasex	WT_veg	OK	10,4888	13,8756	0,403699	-0,794998	0,426615	0,693709	no
AN5828	ChrI_A_nidulans_FGSC_A4:2124391-2124744	WT_5hasex	WT_veg	OK	66,0489	170,791	1,37063	-2,2921	0,0219	0,0954746	no
AN5829	ChrI_A_nidulans_FGSC_A4:2120132-2124154	WT_5hasex	WT_veg	OK	19,2485	15,5207	-0,310552	0,641115	0,521448	0,764385	no
AN5830	ChrI_A_nidulans_FGSC_A4:2116156-2117082	WT_5hasex	WT_veg	OK	154,889	245,479	0,664366	-1,37495	0,169145	0,409327	no
AN5831	ChrI_A_nidulans_FGSC_A4:2114708-2115937	WT_5hasex	WT_veg	OK	149,309	77,1359	-0,952821	1,50602	0,132063	0,34895	no
AN5834	ChrI_A_nidulans_FGSC_A4:2104556-2105604	WT_5hasex	WT_veg	OK	2021,14	3491,34	0,788611	-1,30004	0,193587	0,445434	no
AN5838	ChrI_A_nidulans_FGSC_A4:2081753-2083880	WT_5hasex	WT_veg	NOTEST	1,57155	3,76235	1,25945	-1,54516	0,122307	1	no
AN5839	ChrI_A_nidulans_FGSC_A4:2076680-2081509	WT_5hasex	WT_veg	OK	15,4398	37,7996	1,29172	-2,67996	0,0073631	0,0407823	yes
AN5841	ChrI_A_nidulans_FGSC_A4:2063136-2064172	WT_5hasex	WT_veg	OK	2,52551	1,47785	-0,773071	0,628701	0,529545	0,76917	no
AN5844	ChrI_A_nidulans_FGSC_A4:2056413-2057055	WT_5hasex	WT_veg	OK	68,0506	7,42153	-3,19682	4,52572	6,0192E-06	9,1399E-05	yes
AN5845	ChrI_A_nidulans_FGSC_A4:2055328-2055733	WT_5hasex	WT_veg	OK	26,9078	12,3085	-1,12837	1,39674	0,16249	0,398877	no
AN5846	ChrI_A_nidulans_FGSC_A4:2052851-2054467	WT_5hasex	WT_veg	OK	90,1125	33,0135	-1,44867	2,71099	0,00670825	0,0378595	yes
AN5847	ChrI_A_nidulans_FGSC_A4:2050927-2052332	WT_5hasex	WT_veg	OK	64,5133	98,4143	0,609272	-1,25859	0,20818	0,465621	no
AN5848	ChrI_A_nidulans_FGSC_A4:2048062-2049956	WT_5hasex	WT_veg	OK	30,6816	40,3647	0,395719	-0,797739	0,425022	0,692671	no
AN5849	ChrI_A_nidulans_FGSC_A4:2034318-2037889	WT_5hasex	WT_veg	OK	29,3027	62,191	1,08567	-2,19191	0,0283862	0,116134	no
AN5850	ChrI_A_nidulans_FGSC_A4:2032232-2033466	WT_5hasex	WT_veg	OK	5,8996	10,8865	0,883851	-1,27029	0,203983	0,46011	no
AN5852	ChrI_A_nidulans_FGSC_A4:2012153-2013081	WT_5hasex	WT_veg	OK	9,4473	10,3428	0,130651	-0,186274	0,85223	0,942075	no
AN5853	ChrI_A_nidulans_FGSC_A4:2010012-2011970	WT_5hasex	WT_veg	OK	5,31575	11,9636	1,1703	-1,77181	0,0764261	0,239991	no
AN5854	ChrI_A_nidulans_FGSC_A4:2008556-2009715	WT_5hasex	WT_veg	NOTEST	0,584474	2,33908	2,00073	-1,7799	0,0750926	1	no
AN5855	ChrI_A_nidulans_FGSC_A4:2006437-2007366	WT_5hasex	WT_veg	OK	24,9004	180,845	2,86051	-5,19667	2,029E-07	4,4153E-06	yes
AN5856	ChrI_A_nidulans_FGSC_A4:2001382-2004247	WT_5hasex	WT_veg	OK	68,5258	201,419	1,55548	-3,05118	0,00227944	0,0155639	yes
AN5857	ChrI_A_nidulans_FGSC_A4:1997188-2000066	WT_5hasex	WT_veg	OK	95,1483	152,645	0,681932	-1,37174	0,170144	0,411155	no
AN5859	ChrI_A_nidulans_FGSC_A4:1988349-1990538	WT_5hasex	WT_veg	NOTEST	1,73693	1,22794	-0,500298	0,542324	0,587595	1	no
AN5861	ChrI_A_nidulans_FGSC_A4:1981541-1982950	WT_5hasex	WT_veg	OK	178,839	270,174	0,595225	-1,20529	0,228091	0,491165	no
AN5862	ChrI_A_nidulans_FGSC_A4:1980830-1981361	WT_5hasex	WT_veg	OK	85,2498	84,8622	-0,0065745	0,0127447	0,989832	0,996321	no
AN5863	ChrI_A_nidulans_FGSC_A4:1979066-1979916	WT_5hasex	WT_veg	OK	11,1774	25,5212	1,19111	-1,73626	0,082518	0,253272	no
AN5864	ChrI_A_nidulans_FGSC_A4:1975668-1977745	WT_5hasex	WT_veg	OK	4,10277	2,23089	-0,878976	1,04896	0,294195	0,568989	no
AN5865	ChrI_A_nidulans_FGSC_A4:1972626-1975038	WT_5hasex	WT_veg	OK	31,3598	286,751	3,19281	-6,30605	2,8625E-10	1,1029E-08	yes
AN5866	ChrI_A_nidulans_FGSC_A4:1970860-1972429	WT_5hasex	WT_veg	OK	85,2309	324,702	1,92967	-4,00593	6,1774E-05	0,0072111	yes
AN5867	ChrI_A_nidulans_FGSC_A4:1966476-1968830	WT_5hasex	WT_veg	OK	45,3151	164,59	1,86081	-3,88056	0,00010422	0,00113678	yes

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AN5868	ChrI_A_nidulans_FGSC_A4:1964819-1966244	WT_5hasex	WT_veg	OK	22,2656	29,2265	0,392456	-0,724144	0,468977	0,727192	no
AN5870	ChrI_A_nidulans_FGSC_A4:1956107-1959246	WT_5hasex	WT_veg	OK	8,86221	5,95904	-0,572587	1,04275	0,297063	0,572319	no
AN5871	ChrI_A_nidulans_FGSC_A4:1953794-1955567	WT_5hasex	WT_veg	OK	7,55648	45,8735	2,60188	-4,1971	2,7036E-05	0,00034947	yes
AN5872	ChrI_A_nidulans_FGSC_A4:1952496-1953697	WT_5hasex	WT_veg	OK	329,857	480,557	0,542866	-1,09065	0,275426	0,548528	no
AN5874	ChrI_A_nidulans_FGSC_A4:1945199-1946716	WT_5hasex	WT_veg	OK	11,5255	12,1884	0,080671	-0,122986	0,902118	0,962291	no
AN5875	ChrI_A_nidulans_FGSC_A4:1941961-1943210	WT_5hasex	WT_veg	OK	37,0395	169,385	2,19317	-4,32593	1,5189E-05	0,0002094	yes
AN5876	ChrI_A_nidulans_FGSC_A4:1939676-1941484	WT_5hasex	WT_veg	OK	10,8889	9,8826	-0,139902	0,231253	0,817118	0,926799	no
AN5878	ChrI_A_nidulans_FGSC_A4:1934673-1936250	WT_5hasex	WT_veg	OK	19,5307	41,9838	1,10409	-2,02723	0,0426392	0,158018	no
AN5879	ChrI_A_nidulans_FGSC_A4:1933155-1934237	WT_5hasex	WT_veg	OK	308,296	544,471	0,820537	-1,59811	0,110019	0,309313	no
AN5880	ChrI_A_nidulans_FGSC_A4:1932140-1932883	WT_5hasex	WT_veg	OK	199,106	291,707	0,550984	-1,13579	0,256044	0,52565	no
AN5881	ChrI_A_nidulans_FGSC_A4:1930457-1931829	WT_5hasex	WT_veg	OK	5,46389	11,8861	1,12127	-1,67672	0,0935965	0,276349	no
AN5882	ChrI_A_nidulans_FGSC_A4:1927062-1929747	WT_5hasex	WT_veg	OK	11,3946	21,3157	0,903564	-1,71171	0,0869502	0,262857	no
AN5887	ChrI_A_nidulans_FGSC_A4:1905234-1906389	WT_5hasex	WT_veg	NOTEST	0,549674	2,85218	2,37542	-2,20146	0,0277037	1	no
AN5888	ChrI_A_nidulans_FGSC_A4:1903254-1904762	WT_5hasex	WT_veg	OK	11,3998	12,1484	0,0917634	-0,148943	0,881599	0,955047	no
AN5890	ChrI_A_nidulans_FGSC_A4:1899523-1901155	WT_5hasex	WT_veg	OK	11,6799	10,4058	-0,166646	0,283764	0,776591	0,908721	no
AN5891	ChrI_A_nidulans_FGSC_A4:1894017-1897125	WT_5hasex	WT_veg	OK	75,6481	108,301	0,51767	-1,00951	0,31273	0,588819	no
AN5892	ChrI_A_nidulans_FGSC_A4:1891180-1893481	WT_5hasex	WT_veg	OK	7,72532	18,4321	1,25455	-2,2022	0,0276511	0,113891	no
AN5894	ChrI_A_nidulans_FGSC_A4:1876249-1877810	WT_5hasex	WT_veg	OK	45,0558	51,611	0,195964	-0,395742	0,692296	0,865134	no
AN5896	ChrI_A_nidulans_FGSC_A4:1869139-1869655	WT_5hasex	WT_veg	NOTEST	0,899085	1,87958	1,06388	-0,58173	0,560749	1	no
AN5897	ChrI_A_nidulans_FGSC_A4:1868039-1868914	WT_5hasex	WT_veg	OK	88,8486	262,328	1,56195	-3,17022	0,00152322	0,0111326	yes
AN5898	ChrI_A_nidulans_FGSC_A4:1865189-1867458	WT_5hasex	WT_veg	OK	34,8716	47,3981	0,442777	-0,894345	0,371137	0,645931	no
AN5900	ChrI_A_nidulans_FGSC_A4:1858340-1859254	WT_5hasex	WT_veg	OK	70,2465	84,0924	0,259549	-0,524541	0,599903	0,813143	no
AN5901	ChrI_A_nidulans_FGSC_A4:1856920-1857836	WT_5hasex	WT_veg	OK	13,9735	20,2821	0,537512	-0,852398	0,393993	0,667142	no
AN5902	ChrI_A_nidulans_FGSC_A4:1854786-1856660	WT_5hasex	WT_veg	OK	12,5136	10,4484	-0,260219	0,462235	0,643913	0,838126	no
AN5903	ChrI_A_nidulans_FGSC_A4:1852522-1854434	WT_5hasex	WT_veg	OK	4,6485	5,29233	0,187137	-0,261872	0,79342	0,916027	no
AN5904	ChrI_A_nidulans_FGSC_A4:1851762-1852485	WT_5hasex	WT_veg	OK	514,024	1911,32	1,89466	-3,71794	0,00020085	0,0020006	yes
AN5905	ChrI_A_nidulans_FGSC_A4:1848740-1850692	WT_5hasex	WT_veg	OK	2,12736	7,51742	1,82117	-2,28478	0,0223255	0,0967818	no
AN5906	ChrI_A_nidulans_FGSC_A4:1845336-1846919	WT_5hasex	WT_veg	OK	71,4043	203,994	1,51444	-3,11323	0,00185049	0,0130845	yes
AN5907	ChrI_A_nidulans_FGSC_A4:1844218-1845169	WT_5hasex	WT_veg	OK	653,194	3578,38	2,45372	-4,26759	1,9759E-05	0,00026347	yes
AN5910	ChrI_A_nidulans_FGSC_A4:1836944-1839053	WT_5hasex	WT_veg	OK	16,5608	36,4942	1,1399	-2,20912	0,0271661	0,11233	no
AN5911	ChrI_A_nidulans_FGSC_A4:1834264-1836609	WT_5hasex	WT_veg	OK	18,0119	54,1717	1,58859	-3,15088	0,00162782	0,0117608	yes
AN5913	ChrI_A_nidulans_FGSC_A4:1830500-1832112	WT_5hasex	WT_veg	OK	36,6039	120,376	1,71748	-2,86787	0,0041325	0,0254766	yes
AN5914	ChrI_A_nidulans_FGSC_A4:1825549-1828459	WT_5hasex	WT_veg	OK	2,74176	2,73011	-0,00614462	0,00813936	0,993506	0,997612	no
AN5915	ChrI_A_nidulans_FGSC_A4:1823834-1825208	WT_5hasex	WT_veg	OK	88,2602	132,787	0,589284	-1,20954	0,226455	0,489296	no
AN5917	ChrI_A_nidulans_FGSC_A4:1820556-1822315	WT_5hasex	WT_veg	OK	12,1405	28,5632	1,23434	-2,19623	0,0280758	0,115228	no
AN5919	ChrI_A_nidulans_FGSC_A4:1814028-1815898	WT_5hasex	WT_veg	OK	26,1443	43,9808	0,750375	-1,48161	0,138443	0,359873	no
AN5920	ChrI_A_nidulans_FGSC_A4:1811216-1813641	WT_5hasex	WT_veg	OK	26,5916	21,5487	-0,30337	0,617007	0,53723	0,773894	no
AN5923	ChrI_A_nidulans_FGSC_A4:1800975-1801597	WT_5hasex	WT_veg	OK	0,61961	4,19056	2,75771	-1,33199	0,182863	0,430455	no
AN5924	ChrI_A_nidulans_FGSC_A4:1795929-1798282	WT_5hasex	WT_veg	OK	13,4783	33,745	1,32403	-2,44845	0,0143471	0,0691362	no
AN5926	ChrI_A_nidulans_FGSC_A4:1787554-1789046	WT_5hasex	WT_veg	OK	84,7569	132,429	0,643812	-1,32965	0,183633	0,431549	no
AN5927	ChrI_A_nidulans_FGSC_A4:1784691-1787231	WT_5hasex	WT_veg	OK	11,7407	18,7226	0,673258	-1,23622	0,216378	0,47645	no
AN5928	ChrI_A_nidulans_FGSC_A4:1783572-1784179	WT_5hasex	WT_veg	NOTEST	0	1,76317	1.79769e+308	1.79769e+308	0,123323	1	no
AN5929	ChrI_A_nidulans_FGSC_A4:1780848-1782807	WT_5hasex	WT_veg	OK	19,5233	25,3642	0,377596	-0,707581	0,479205	0,734464	no
AN5930	ChrI_A_nidulans_FGSC_A4:1774123-1775473	WT_5hasex	WT_veg	NOTEST	0,587436	0	-1.79769e+308	-1.79769e+308	0,0780024	1	no
AN5931	ChrI_A_nidulans_FGSC_A4:1770876-1773930	WT_5hasex	WT_veg	OK	99,0772	900,034	3,18335	-6,27815	3,4263E-10	1,3105E-08	yes
AN5933	ChrI_A_nidulans_FGSC_A4:1760213-1762487	WT_5hasex	WT_veg	OK	11,1416	35,6982	1,6799	-3,0283	0,00245933	0,0165818	yes
AN5934	ChrI_A_nidulans_FGSC_A4:1757084-1758242	WT_5hasex	WT_veg	OK	6,16308	18,7007	1,60137	-2,42599	0,0152668	0,0724902	no
AN5935	ChrI_A_nidulans_FGSC_A4:1754268-1756423	WT_5hasex	WT_veg	OK	148,124	577,22	1,96232	-3,70122	0,00021457	0,00211585	yes
AN5936	ChrI_A_nidulans_FGSC_A4:1745496-1745965	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN5937	ChrI_A_nidulans_FGSC_A4:1743280-1744105	WT_5hasex	WT_veg	OK	2,4136	5,19969	1,10724	-1,26263	0,206722	0,463648	no
AN5938	ChrI_A_nidulans_FGSC_A4:1740509-1741327	WT_5hasex	WT_veg	OK	4,34901	26,3464	2,59885	-3,4474	0,00056602	0,00484158	yes
AN5939	ChrI_A_nidulans_FGSC_A4:1737725-1739572	WT_5hasex	WT_veg	OK	55,6758	208,446	1,90455	-3,01431	0,00257568	0,0172355	yes
AN5940	ChrI_A_nidulans_FGSC_A4:1734382-1734961	WT_5hasex	WT_veg	OK	51,596	176,884	1,77748	-3,07971	0,00207205	0,014389	yes

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AN5941	ChrI_A_nidulans_FGSC_A4:1729170-1731149	WT_5hasex	WT_veg	OK	2,66541	7,40219	1,47359	-2,0051	0,0449523	0,164439	no
AN5942	ChrI_A_nidulans_FGSC_A4:1726526-1727741	WT_5hasex	WT_veg	OK	68,2036	43,4161	-0,651618	1,29653	0,194793	0,447111	no
AN5943	ChrI_A_nidulans_FGSC_A4:1723913-1725735	WT_5hasex	WT_veg	OK	17,5147	5,7792	-1,59963	2,42434	0,0153362	0,0727209	no
AN5944	ChrI_A_nidulans_FGSC_A4:1719131-1720934	WT_5hasex	WT_veg	OK	7,55563	4,7439	-0,671478	1,02121	0,307157	0,583191	no
AN5945	ChrI_A_nidulans_FGSC_A4:1714840-1716244	WT_5hasex	WT_veg	OK	36,7833	66,4467	0,853147	-1,72632	0,0842891	0,257171	no
AN5946	ChrI_A_nidulans_FGSC_A4:1712626-1714533	WT_5hasex	WT_veg	OK	14,972	8,16962	-0,873926	1,51749	0,129143	0,343786	no
AN5947	ChrI_A_nidulans_FGSC_A4:1707272-1711587	WT_5hasex	WT_veg	OK	8,41519	28,2479	1,74708	-3,19309	0,00140761	0,0104139	yes
AN5948	ChrI_A_nidulans_FGSC_A4:1704005-1704686	WT_5hasex	WT_veg	OK	14,3413	27,0398	0,914909	-1,37568	0,168922	0,409126	no
AN5949	ChrI_A_nidulans_FGSC_A4:1701751-1703162	WT_5hasex	WT_veg	OK	23,8186	52,0974	1,12912	-2,20132	0,0277131	0,114052	no
AN5950	ChrI_A_nidulans_FGSC_A4:1698596-1701623	WT_5hasex	WT_veg	OK	37,4528	47,6441	0,347226	-0,719118	0,472068	0,729381	no
AN5951	ChrI_A_nidulans_FGSC_A4:1697606-1698391	WT_5hasex	WT_veg	OK	40,3816	69,9931	0,793515	-1,45295	0,146238	0,372939	no
AN5952	ChrI_A_nidulans_FGSC_A4:1695941-1697549	WT_5hasex	WT_veg	OK	11,0498	26,53	1,26361	-2,15128	0,0314543	0,125937	no
AN5953	ChrI_A_nidulans_FGSC_A4:1694336-1695454	WT_5hasex	WT_veg	OK	90,4366	246,708	1,44782	-2,77927	0,00544815	0,0318631	yes
AN5954	ChrI_A_nidulans_FGSC_A4:1692000-1693644	WT_5hasex	WT_veg	OK	49,1823	105,807	1,10523	-2,27414	0,0229578	0,0988687	no
AN5955	ChrI_A_nidulans_FGSC_A4:1688292-1690460	WT_5hasex	WT_veg	OK	18,5477	52,1094	1,4903	-2,81501	0,0048776	0,0291643	yes
AN5956	ChrI_A_nidulans_FGSC_A4:1684768-1686660	WT_5hasex	WT_veg	OK	18,8971	46,291	1,29256	-2,3668	0,0179428	0,0819879	no
AN5957	ChrI_A_nidulans_FGSC_A4:1681073-1682672	WT_5hasex	WT_veg	OK	57,7396	81,91	0,504476	-1,03077	0,302648	0,578429	no
AN5959	ChrI_A_nidulans_FGSC_A4:1671952-1674094	WT_5hasex	WT_veg	OK	66,3023	245,948	1,89122	-3,94579	7,9538E-05	0,00089788	yes
AN5960	ChrI_A_nidulans_FGSC_A4:1670791-1671714	WT_5hasex	WT_veg	OK	986,923	1367,91	0,470961	-0,841929	0,399828	0,67212	no
AN5961	ChrI_A_nidulans_FGSC_A4:1668306-1670405	WT_5hasex	WT_veg	OK	24,0323	27,1992	0,178588	-0,346471	0,728989	0,885274	no
AN5962	ChrI_A_nidulans_FGSC_A4:1665334-1666953	WT_5hasex	WT_veg	OK	15,2539	38,5802	1,33868	-2,01617	0,0437821	0,161164	no
AN5963	ChrI_A_nidulans_FGSC_A4:1663385-1664603	WT_5hasex	WT_veg	OK	14,1826	36,3616	1,35829	-2,27053	0,0231752	0,0995758	no
AN5964	ChrI_A_nidulans_FGSC_A4:1655899-1657714	WT_5hasex	WT_veg	OK	0	12,1971	1.79769e+308	1.79769e+308	0,0149451	0,0713058	no
AN5965	ChrI_A_nidulans_FGSC_A4:1654908-1655839	WT_5hasex	WT_veg	OK	93,8782	209,576	1,15861	-2,41183	0,0158725	0,0747172	no
AN5966	ChrI_A_nidulans_FGSC_A4:1651222-1653705	WT_5hasex	WT_veg	OK	33,5733	239,529	2,83481	-5,92502	3,1227E-09	9,9474E-08	yes
AN5967	ChrI_A_nidulans_FGSC_A4:1643453-1644115	WT_5hasex	WT_veg	OK	4,71485	5,53504	0,231382	-0,271134	0,786288	0,912848	no
AN5968	ChrI_A_nidulans_FGSC_A4:1640842-1642724	WT_5hasex	WT_veg	OK	68,9454	64,3893	-0,0986326	0,154203	0,87745	0,953138	no
AN5969	ChrI_A_nidulans_FGSC_A4:1639510-1640409	WT_5hasex	WT_veg	OK	717,588	927,975	0,370932	-0,720309	0,471335	0,728918	no
AN5970	ChrI_A_nidulans_FGSC_A4:1636617-1639219	WT_5hasex	WT_veg	OK	62,7179	109,028	0,797745	-1,62113	0,10499	0,299657	no
AN5971	ChrI_A_nidulans_FGSC_A4:1635441-1636458	WT_5hasex	WT_veg	OK	277,1	414,152	0,579755	-1,17511	0,23995	0,505786	no
AN5972	ChrI_A_nidulans_FGSC_A4:1631800-1635131	WT_5hasex	WT_veg	OK	79,1411	96,9561	0,292906	-0,593445	0,552883	0,783821	no
AN5975	ChrI_A_nidulans_FGSC_A4:1622081-1623690	WT_5hasex	WT_veg	OK	896,889	4772,85	2,41185	-3,09075	0,00199655	0,0139543	yes
AN5977	ChrI_A_nidulans_FGSC_A4:1610027-1611416	WT_5hasex	WT_veg	OK	206,879	357,422	0,78884	-1,59303	0,111153	0,311361	no
AN5978	ChrI_A_nidulans_FGSC_A4:1608285-1609842	WT_5hasex	WT_veg	OK	84,0434	159,129	0,920991	-1,90125	0,0572698	0,195381	no
AN5979	ChrI_A_nidulans_FGSC_A4:1607260-1608072	WT_5hasex	WT_veg	OK	2201,71	4136,8	0,909889	-1,51913	0,128729	0,343116	no
AN5980	ChrI_A_nidulans_FGSC_A4:1606032-1607004	WT_5hasex	WT_veg	OK	21,9771	65,7409	1,58079	-2,87138	0,00408685	0,0252249	yes
AN5981	ChrI_A_nidulans_FGSC_A4:1601436-1605200	WT_5hasex	WT_veg	OK	23,4649	62,6603	1,41705	-2,89973	0,00373487	0,0234634	yes
AN5983	ChrI_A_nidulans_FGSC_A4:1589950-1591717	WT_5hasex	WT_veg	OK	24,9497	41,3135	0,727589	-1,42426	0,15437	0,386336	no
AN5984	ChrI_A_nidulans_FGSC_A4:1588472-1589615	WT_5hasex	WT_veg	OK	14,3635	27,1265	0,917296	-1,44961	0,147169	0,374602	no
AN5985	ChrI_A_nidulans_FGSC_A4:1586989-1587986	WT_5hasex	WT_veg	OK	1,7727	7,66238	2,11184	-2,52592	0,0115397	0,0583509	no
AN5986	ChrI_A_nidulans_FGSC_A4:1585354-1586666	WT_5hasex	WT_veg	OK	34,5081	146,898	2,0898	-4,04386	5,2579E-05	0,00062491	yes
AN5987	ChrI_A_nidulans_FGSC_A4:1582548-1585134	WT_5hasex	WT_veg	NOTEST	0,413083	0,699575	0,760049	-0,655497	0,512148	1	no
AN5988	ChrI_A_nidulans_FGSC_A4:1577979-1581408	WT_5hasex	WT_veg	OK	18,0545	24,5712	0,444615	-0,916852	0,35922	0,634014	no
AN5989	ChrI_A_nidulans_FGSC_A4:1574144-1575113	WT_5hasex	WT_veg	OK	77,8113	139,624	0,843499	-1,7105	0,0871726	0,263377	no
AN5990	ChrI_A_nidulans_FGSC_A4:1572261-1574032	WT_5hasex	WT_veg	OK	8,31147	14,4237	0,795265	-1,22742	0,219666	0,480884	no
AN5992	ChrI_A_nidulans_FGSC_A4:1564577-1567319	WT_5hasex	WT_veg	OK	28,0566	65,2301	1,2172	-2,49254	0,0126832	0,0628371	no
AN5993	ChrI_A_nidulans_FGSC_A4:1563595-1564194	WT_5hasex	WT_veg	OK	1,5904	4,72365	1,57051	-1,55487	0,119978	0,327658	no
AN5994	ChrI_A_nidulans_FGSC_A4:1561061-1562440	WT_5hasex	WT_veg	OK	127,839	470,642	1,8803	-3,90796	9,3079E-05	0,00103097	yes
AN5995	ChrI_A_nidulans_FGSC_A4:1559190-1560804	WT_5hasex	WT_veg	OK	43,3404	180,559	2,05869	-4,19275	2,756E-05	0,00035536	yes
AN5996	ChrI_A_nidulans_FGSC_A4:1558136-1558939	WT_5hasex	WT_veg	OK	1461,14	1881,72	0,364957	-0,622571	0,533567	0,772123	no
AN5997	ChrI_A_nidulans_FGSC_A4:1556972-1558041	WT_5hasex	WT_veg	OK	1265,77	2333,41	0,882423	-1,59698	0,110269	0,309797	no
AN5998	ChrI_A_nidulans_FGSC_A4:1554946-1556578	WT_5hasex	WT_veg	OK	5,67408	29,6131	2,38377	-3,74034	0,00018377	0,00185354	yes
AN5999	ChrI_A_nidulans_FGSC_A4:1550370-1554465	WT_5hasex	WT_veg	OK	44,7091	110,765	1,30886	-2,7109	0,00671016	0,0378662	yes

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AN6003	ChrI_A_nidulans_FGSC_A4:1538325-1539939	WT_5hasex	WT_veg	OK	8,04055	17,287	1,10432	-1,80976	0,0703331	0,22636	no
AN6004	ChrI_A_nidulans_FGSC_A4:1534832-1536146	WT_5hasex	WT_veg	OK	838,469	2339,8	1,48056	-2,52359	0,0116164	0,0586439	no
AN6005	ChrI_A_nidulans_FGSC_A4:1534356-1534752	WT_5hasex	WT_veg	OK	149,462	614,577	2,03981	-4,12676	3,6791E-05	0,0004587	yes
AN6006	ChrI_A_nidulans_FGSC_A4:1529852-1533437	WT_5hasex	WT_veg	OK	37,0457	142,509	1,94368	-4,00671	6,157E-05	0,00071889	yes
AN6007	ChrI_A_nidulans_FGSC_A4:1525128-1529306	WT_5hasex	WT_veg	OK	12,612	20,9023	0,728863	-1,45295	0,146237	0,372939	no
AN6009	ChrI_A_nidulans_FGSC_A4:1521532-1524336	WT_5hasex	WT_veg	OK	68,4382	186,161	1,44368	-2,98957	0,00279368	0,0184172	yes
AN6011	ChrI_A_nidulans_FGSC_A4:1516331-1516655	WT_5hasex	WT_veg	OK	0,946089	4,40792	2,22005	-0,93389	0,350361	0,625903	no
AN6012	ChrI_A_nidulans_FGSC_A4:1513466-1515414	WT_5hasex	WT_veg	OK	24,3904	35,1204	0,525997	-1,05218	0,292717	0,567531	no
AN6013	ChrI_A_nidulans_FGSC_A4:1512005-1513124	WT_5hasex	WT_veg	OK	65,9993	146,015	1,14559	-2,33327	0,0196338	0,087861	no
AN6015	ChrI_A_nidulans_FGSC_A4:1502402-1504109	WT_5hasex	WT_veg	OK	18,9567	30,4708	0,684723	-1,1612	0,245562	0,513365	no
AN6016	ChrI_A_nidulans_FGSC_A4:1495206-1495993	WT_5hasex	WT_veg	NOTEST	0,971372	2,64776	1,44668	-0,796639	0,425661	1	no
AN6018	ChrI_A_nidulans_FGSC_A4:1485721-1487342	WT_5hasex	WT_veg	NOTEST	1,72113	0,584182	-1,55887	1,07068	0,284315	1	no
AN6019	ChrI_A_nidulans_FGSC_A4:1483061-1484686	WT_5hasex	WT_veg	NOTEST	1,55179	1,31161	-0,242597	0,239018	0,811092	1	no
AN6020	ChrI_A_nidulans_FGSC_A4:1481017-1481476	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6022	ChrI_A_nidulans_FGSC_A4:1474820-1476726	WT_5hasex	WT_veg	NOTEST	0,278604	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN6023	ChrI_A_nidulans_FGSC_A4:1471420-1473455	WT_5hasex	WT_veg	OK	2,13859	1,44433	-0,566254	0,652153	0,514303	0,758955	no
AN6025	ChrI_A_nidulans_FGSC_A4:1466379-1467329	WT_5hasex	WT_veg	OK	2,18833	3,48027	0,669365	-0,715136	0,474525	0,731174	no
AN6026	ChrI_A_nidulans_FGSC_A4:1464055-1465789	WT_5hasex	WT_veg	NOTEST	0,56488	1,35866	1,26617	-1,0515	0,293029	1	no
AN6027	ChrI_A_nidulans_FGSC_A4:1462410-1463265	WT_5hasex	WT_veg	NOTEST	0,252496	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN6028	ChrI_A_nidulans_FGSC_A4:1460779-1462082	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6029	ChrI_A_nidulans_FGSC_A4:1459557-1460511	WT_5hasex	WT_veg	NOTEST	0,950306	1,02347	0,10701	-0,066092	0,947305	1	no
AN6030	ChrI_A_nidulans_FGSC_A4:1457136-1459502	WT_5hasex	WT_veg	OK	2,57418	3,7926	0,559078	-0,65933	0,509684	0,756023	no
AN6031	ChrI_A_nidulans_FGSC_A4:1454609-1456009	WT_5hasex	WT_veg	OK	55,9053	71,1	0,346865	-0,711511	0,476768	0,732699	no
AN6032	ChrI_A_nidulans_FGSC_A4:1452229-1453894	WT_5hasex	WT_veg	OK	20,0806	133,35	2,73135	-5,15839	2,4909E-07	5,2909E-06	yes
AN6033	ChrI_A_nidulans_FGSC_A4:1450304-1452162	WT_5hasex	WT_veg	OK	71,0411	133,459	0,909667	-1,88474	0,0594652	0,201064	no
AN6034	ChrI_A_nidulans_FGSC_A4:1448688-1449862	WT_5hasex	WT_veg	OK	22,9929	29,0054	0,335134	-0,592926	0,553231	0,784028	no
AN6035	ChrI_A_nidulans_FGSC_A4:1447056-1448683	WT_5hasex	WT_veg	OK	4,80602	8,24168	0,778094	-1,13687	0,255591	0,524912	no
AN6036	ChrI_A_nidulans_FGSC_A4:1443887-1446778	WT_5hasex	WT_veg	OK	17,1313	34,2222	0,998296	-2,01751	0,0436425	0,160827	no
AN6038	ChrI_A_nidulans_FGSC_A4:1439143-1440479	WT_5hasex	WT_veg	OK	15,6754	13,6927	-0,195094	0,333043	0,739102	0,890437	no
AN6039	ChrI_A_nidulans_FGSC_A4:1438169-1438944	WT_5hasex	WT_veg	OK	78,5875	127,861	0,70221	-1,40489	0,160054	0,395583	no
AN6040	ChrI_A_nidulans_FGSC_A4:1437483-1437999	WT_5hasex	WT_veg	OK	41,2481	80,9275	0,972304	-1,69134	0,0907723	0,270618	no
AN6041	ChrI_A_nidulans_FGSC_A4:1435683-1437313	WT_5hasex	WT_veg	OK	20,9642	24,2493	0,210019	-0,397607	0,69092	0,864157	no
AN6042	ChrI_A_nidulans_FGSC_A4:1433841-1435309	WT_5hasex	WT_veg	OK	25,3828	52,6065	1,05139	-2,0262	0,042744	0,158317	no
AN6043	ChrI_A_nidulans_FGSC_A4:1432103-1433290	WT_5hasex	WT_veg	OK	7,12907	9,16797	0,362889	-0,525917	0,598946	0,812631	no
AN6045	ChrI_A_nidulans_FGSC_A4:1428734-1429830	WT_5hasex	WT_veg	OK	164,213	335,869	1,03233	-2,09486	0,0361833	0,14018	no
AN6046	ChrI_A_nidulans_FGSC_A4:1425338-1427038	WT_5hasex	WT_veg	OK	35,2005	77,3107	1,13507	-2,00265	0,0452149	0,165135	no
AN6047	ChrI_A_nidulans_FGSC_A4:1423724-1425031	WT_5hasex	WT_veg	OK	18,5825	35,2208	0,92248	-1,66206	0,0965005	0,282204	no
AN6048	ChrI_A_nidulans_FGSC_A4:1421575-1423616	WT_5hasex	WT_veg	OK	484,409	813,358	0,747666	-1,31735	0,187722	0,437415	no
AN6049	ChrI_A_nidulans_FGSC_A4:1418203-1420353	WT_5hasex	WT_veg	OK	48,5061	71,3919	0,557595	-1,10899	0,267436	0,539193	no
AN6050	ChrI_A_nidulans_FGSC_A4:1411157-1413262	WT_5hasex	WT_veg	OK	36,1909	67,0174	0,888909	-1,66558	0,0957974	0,280964	no
AN6051	ChrI_A_nidulans_FGSC_A4:1408898-1410414	WT_5hasex	WT_veg	OK	1,32554	3,94593	1,57378	-1,66181	0,09655	0,782302	no
AN6052	ChrI_A_nidulans_FGSC_A4:1405679-1406497	WT_5hasex	WT_veg	OK	15,8154	39,1455	1,30752	-1,96523	0,0493881	0,176093	no
AN6053	ChrI_A_nidulans_FGSC_A4:1401786-1404687	WT_5hasex	WT_veg	OK	47,0117	104,535	1,15289	-2,41373	0,0157904	0,074424	no
AN6054	ChrI_A_nidulans_FGSC_A4:1400494-1401627	WT_5hasex	WT_veg	OK	61,9477	91,4145	0,561373	-1,14165	0,253598	0,522923	no
AN6055	ChrI_A_nidulans_FGSC_A4:1397509-1399980	WT_5hasex	WT_veg	OK	20,433	15,1032	-0,436044	0,857518	0,391159	0,66436	no
AN6056	ChrI_A_nidulans_FGSC_A4:1395449-1397172	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6058	ChrI_A_nidulans_FGSC_A4:1391695-1392894	WT_5hasex	WT_veg	OK	825,535	1231,45	0,57696	-0,935189	0,349691	0,625207	no
AN6059	ChrI_A_nidulans_FGSC_A4:1389796-1390836	WT_5hasex	WT_veg	OK	101,413	297,609	1,55318	-3,23917	0,00119877	0,00911596	yes
AN6060	ChrI_A_nidulans_FGSC_A4:1382777-1388362	WT_5hasex	WT_veg	OK	58,3494	327,547	2,48891	-4,89959	9,6039E-07	1,7672E-05	yes
AN6061	ChrI_A_nidulans_FGSC_A4:1380272-1381726	WT_5hasex	WT_veg	OK	81,3675	47,3791	-0,780204	1,59335	0,111081	0,311238	no
AN6062	ChrI_A_nidulans_FGSC_A4:1376994-1379338	WT_5hasex	WT_veg	OK	23,0168	39,6948	0,78626	-1,5725	0,115834	0,319758	no
AN6063	ChrI_A_nidulans_FGSC_A4:1372901-1374513	WT_5hasex	WT_veg	NOTEST	0,977634	2,82518	1,53097	-1,67036	0,0948474	1	no
AN6064	ChrI_A_nidulans_FGSC_A4:1371553-1372543	WT_5hasex	WT_veg	OK	71,2042	131,382	0,883727	-1,78954	0,0735287	0,233306	no

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AN6065	ChrI_A_nidulans_FGSC_A4:1368923-1370632	WT_5hasex	WT_veg	OK	13,9753	11,9854	-0,221605	0,393947	0,69362	0,865712	no
AN6066	ChrI_A_nidulans_FGSC_A4:1367857-1368694	WT_5hasex	WT_veg	OK	85,549	188,757	1,14171	-2,2124	0,0269392	0,111621	no
AN6067	ChrI_A_nidulans_FGSC_A4:1365444-1367514	WT_5hasex	WT_veg	OK	194,758	547,519	1,49123	-2,87453	0,00404633	0,0250013	yes
AN6068	ChrI_A_nidulans_FGSC_A4:1361627-1365268	WT_5hasex	WT_veg	OK	12,7547	14,4742	0,182453	-0,354183	0,723202	0,882086	no
AN6069	ChrI_A_nidulans_FGSC_A4:1358141-1361172	WT_5hasex	WT_veg	OK	24,7768	46,8988	0,920563	-1,8859	0,0593085	0,200742	no
AN6070	ChrI_A_nidulans_FGSC_A4:1350607-1353881	WT_5hasex	WT_veg	OK	16,0507	49,5345	1,6258	-3,26721	0,00108614	0,00841079	yes
AN6071	ChrI_A_nidulans_FGSC_A4:1345207-1349123	WT_5hasex	WT_veg	OK	76,4584	202,067	1,40209	-2,3627	0,0181422	0,0826038	no
AN6072	ChrI_A_nidulans_FGSC_A4:1343385-1344938	WT_5hasex	WT_veg	OK	17,6221	32,1236	0,86625	-1,58684	0,112549	0,313891	no
AN6074	ChrI_A_nidulans_FGSC_A4:1340414-1341724	WT_5hasex	WT_veg	OK	56,556	82,3541	0,542161	-1,11029	0,266875	0,538525	no
AN6075	ChrI_A_nidulans_FGSC_A4:1337086-1339286	WT_5hasex	WT_veg	OK	48,2757	72,1529	0,579759	-1,19863	0,230674	0,494569	no
AN6076	ChrI_A_nidulans_FGSC_A4:1329130-1336564	WT_5hasex	WT_veg	NOTEST	1,33065	2,32815	0,807046	-1,25417	0,209781	1	no
AN6077	ChrI_A_nidulans_FGSC_A4:1327753-1328743	WT_5hasex	WT_veg	OK	190,774	319,385	0,743431	-1,53999	0,123564	0,333745	no
AN6080	ChrI_A_nidulans_FGSC_A4:1318631-1319598	WT_5hasex	WT_veg	OK	126,082	216,984	0,783226	-1,61222	0,106915	0,303563	no
AN6081	ChrI_A_nidulans_FGSC_A4:1315785-1318054	WT_5hasex	WT_veg	OK	27,0146	55,169	1,03012	-2,10163	0,0355859	0,138377	no
AN6082	ChrI_A_nidulans_FGSC_A4:1314343-1315059	WT_5hasex	WT_veg	OK	1491,32	2908,52	0,963694	-1,72448	0,0846219	0,257916	no
AN6083	ChrI_A_nidulans_FGSC_A4:1312983-1314053	WT_5hasex	WT_veg	OK	1091,43	2330,63	1,0945	-1,91938	0,0549364	0,189668	no
AN6084	ChrI_A_nidulans_FGSC_A4:1309343-1312146	WT_5hasex	WT_veg	OK	394,568	284,755	-0,470557	0,834097	0,404226	0,675455	no
AN6085	ChrI_A_nidulans_FGSC_A4:1305960-1308504	WT_5hasex	WT_veg	OK	15,7136	45,756	1,54195	-2,98319	0,00285257	0,0187295	yes
AN6086	ChrI_A_nidulans_FGSC_A4:1303725-1305489	WT_5hasex	WT_veg	OK	43,3051	101,856	1,23393	-2,52585	0,011542	0,0583509	no
AN6087	ChrI_A_nidulans_FGSC_A4:1301585-1303531	WT_5hasex	WT_veg	OK	100,222	147,359	0,556133	-1,00953	0,31272	0,588819	no
AN6088	ChrI_A_nidulans_FGSC_A4:1297006-1301127	WT_5hasex	WT_veg	OK	28,2998	48,2088	0,768504	-1,52258	0,127865	0,341507	no
AN6089	ChrI_A_nidulans_FGSC_A4:1294343-1296761	WT_5hasex	WT_veg	OK	279,384	726,154	1,37802	-2,37565	0,0175182	0,0805114	no
AN6090	ChrI_A_nidulans_FGSC_A4:1288700-1291368	WT_5hasex	WT_veg	OK	15,8546	24,8204	0,646627	-1,23579	0,216536	0,476588	no
AN6091	ChrI_A_nidulans_FGSC_A4:1285176-1287740	WT_5hasex	WT_veg	OK	288,436	236,665	-0,285409	0,531724	0,594917	0,809869	no
AN6092	ChrI_A_nidulans_FGSC_A4:1281951-1284453	WT_5hasex	WT_veg	OK	30,0374	76,1698	1,34246	-2,71137	0,00670065	0,0378289	yes
AN6094	ChrI_A_nidulans_FGSC_A4:1277597-1278669	WT_5hasex	WT_veg	OK	21,6003	32,412	0,585474	-1,01969	0,307877	0,583865	no
AN6095	ChrI_A_nidulans_FGSC_A4:1275658-1277401	WT_5hasex	WT_veg	OK	13,6426	34,6343	1,34408	-2,39004	0,0168466	0,0782442	no
AN6096	ChrI_A_nidulans_FGSC_A4:1272105-1273035	WT_5hasex	WT_veg	NOTEST	1,55674	1,40035	-0,152743	0,102816	0,918109	1	no
AN6097	ChrI_A_nidulans_FGSC_A4:1270466-1271842	WT_5hasex	WT_veg	NOTEST	0,17087	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN6098	ChrI_A_nidulans_FGSC_A4:1268520-1270126	WT_5hasex	WT_veg	NOTEST	0,238137	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN6099	ChrI_A_nidulans_FGSC_A4:1265627-1267903	WT_5hasex	WT_veg	OK	1,57269	4,66578	1,56888	-1,87927	0,0602077	0,202777	no
AN6100	ChrI_A_nidulans_FGSC_A4:1263198-1265165	WT_5hasex	WT_veg	OK	2,03011	6,18971	1,60831	-2,00061	0,0454344	0,165717	no
AN6103	ChrI_A_nidulans_FGSC_A4:1253611-1255268	WT_5hasex	WT_veg	NOTEST	0,626031	1,68651	1,42973	-1,16442	0,244255	1	no
AN6104	ChrI_A_nidulans_FGSC_A4:1247184-1248592	WT_5hasex	WT_veg	OK	137,29	1137,41	3,05045	-5,76232	8,2965E-09	2,4479E-07	yes
AN6105	ChrI_A_nidulans_FGSC_A4:1243479-1244101	WT_5hasex	WT_veg	OK	58,7942	133,571	1,18386	-2,13568	0,0327058	0,129696	no
AN6108	ChrI_A_nidulans_FGSC_A4:1231936-1232662	WT_5hasex	WT_veg	OK	16,8171	34,2649	1,0268	-1,67796	0,0933546	0,27592	no
AN6109	ChrI_A_nidulans_FGSC_A4:1230677-1231299	WT_5hasex	WT_veg	OK	69,9088	145,026	1,05277	-1,90564	0,0566973	0,193971	no
AN6110	ChrI_A_nidulans_FGSC_A4:1229393-1230337	WT_5hasex	WT_veg	OK	64,0949	171,917	1,42343	-2,85094	0,00435898	0,0266347	yes
AN6111	ChrI_A_nidulans_FGSC_A4:1228182-1229231	WT_5hasex	WT_veg	OK	73,0001	216,048	1,56538	-3,15856	0,00158552	0,0115076	yes
AN6112	ChrI_A_nidulans_FGSC_A4:1223342-1227523	WT_5hasex	WT_veg	OK	28,5877	75,1297	1,39399	-2,91017	0,00361236	0,0228222	yes
AN6113	ChrI_A_nidulans_FGSC_A4:1221287-1222771	WT_5hasex	WT_veg	OK	8,76251	8,2409	-0,088541	0,134888	0,8927	0,959154	no
AN6114	ChrI_A_nidulans_FGSC_A4:1218735-1220782	WT_5hasex	WT_veg	OK	3,91075	4,70821	0,267732	-0,369935	0,711431	0,876014	no
AN6115	ChrI_A_nidulans_FGSC_A4:1216584-1218276	WT_5hasex	WT_veg	OK	24,0033	30,4227	0,341918	-0,607087	0,543793	0,778191	no
AN6116	ChrI_A_nidulans_FGSC_A4:1214810-1215806	WT_5hasex	WT_veg	OK	9,72039	46,183	2,24827	-3,16306	0,00156123	0,0113595	yes
AN6117	ChrI_A_nidulans_FGSC_A4:1210837-1211471	WT_5hasex	WT_veg	OK	3,69866	4,02533	0,122103	-0,117964	0,906096	0,964044	no
AN6119	ChrI_A_nidulans_FGSC_A4:1204682-1206612	WT_5hasex	WT_veg	OK	47,2298	96,4981	1,0308	-2,13885	0,0324474	0,128919	no
AN6120	ChrI_A_nidulans_FGSC_A4:1198843-1203045	WT_5hasex	WT_veg	OK	13,2996	27,7696	1,06212	-2,13071	0,0331132	0,130919	no
AN6121	ChrI_A_nidulans_FGSC_A4:1194688-1197963	WT_5hasex	WT_veg	OK	1,77592	4,07261	1,19739	-1,73064	0,0835166	0,255499	no
AN6122	ChrI_A_nidulans_FGSC_A4:1192395-1193876	WT_5hasex	WT_veg	OK	28,3141	71,1494	1,32933	-2,52501	0,0115696	0,058447	no
AN6123	ChrI_A_nidulans_FGSC_A4:1190759-1192308	WT_5hasex	WT_veg	OK	14,1283	39,9606	1,49999	-2,73535	0,00623148	0,0356253	yes
AN6124	ChrI_A_nidulans_FGSC_A4:1188312-1189650	WT_5hasex	WT_veg	OK	24,1625	34,3207	0,506311	-0,954965	0,339595	0,615537	no
AN6127	ChrI_A_nidulans_FGSC_A4:1167102-1167915	WT_5hasex	WT_veg	OK	21,0048	67,0759	1,67507	-2,53834	0,0111379	0,0567005	no
AN6128	ChrI_A_nidulans_FGSC_A4:1165559-1167047	WT_5hasex	WT_veg	OK	20,4109	5,33294	-1,93633	3,22061	0,00127918	0,00961716	yes

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AN6129	ChrI_A_nidulans_FGSC_A4:1161117-1163391	WT_5hasex	WT_veg	NOTEST	0,631339	0,788992	0,321595	-0,277915	0,781077	1	no
AN6130	ChrI_A_nidulans_FGSC_A4:1152081-1154174	WT_5hasex	WT_veg	NOTEST	1,07863	0,533617	-1,01533	0,829446	0,406852	1	no
AN6132	ChrI_A_nidulans_FGSC_A4:1139168-1143308	WT_5hasex	WT_veg	OK	39,148	95,081	1,28022	-2,6693	0,00760084	0,0418513	yes
AN6133	ChrI_A_nidulans_FGSC_A4:1136530-1138123	WT_5hasex	WT_veg	NOTEST	0,914855	1,89106	1,04758	-1,11487	0,264908	1	no
AN6134	ChrI_A_nidulans_FGSC_A4:1130920-1136083	WT_5hasex	WT_veg	NOTEST	0,0834926	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN6135	ChrI_A_nidulans_FGSC_A4:1128479-1129585	WT_5hasex	WT_veg	OK	4,22962	8,74403	1,04777	-1,18271	0,236924	0,502317	no
AN6136	ChrI_A_nidulans_FGSC_A4:1123096-1127865	WT_5hasex	WT_veg	OK	21,9843	27,9523	0,346494	-0,72248	0,47	0,728025	no
AN6137	ChrI_A_nidulans_FGSC_A4:1117870-1120792	WT_5hasex	WT_veg	OK	82,5368	184,858	1,16331	-2,04594	0,0407619	0,152867	no
AN6139	ChrI_A_nidulans_FGSC_A4:1111708-1112633	WT_5hasex	WT_veg	OK	55,1963	118,965	1,10789	-2,21296	0,0269002	0,111522	no
AN6141	ChrI_A_nidulans_FGSC_A4:1108768-1109756	WT_5hasex	WT_veg	OK	31,5168	37,2997	0,24304	-0,453749	0,650009	0,841593	no
AN6142	ChrI_A_nidulans_FGSC_A4:1107927-1108687	WT_5hasex	WT_veg	OK	55,8784	114,547	1,03558	-1,95513	0,0505673	0,17897	no
AN6144	ChrI_A_nidulans_FGSC_A4:1102634-1103425	WT_5hasex	WT_veg	OK	0,944806	12,6402	3,74186	-3,57304	0,00035287	0,00323041	yes
AN6146	ChrI_A_nidulans_FGSC_A4:1099098-1099753	WT_5hasex	WT_veg	OK	153,01	216,397	0,500058	-1,02199	0,306784	0,582859	no
AN6147	ChrI_A_nidulans_FGSC_A4:1096634-1098620	WT_5hasex	WT_veg	OK	11,3197	16,707	0,561622	-0,999997	0,317312	0,593574	no
AN6148	ChrI_A_nidulans_FGSC_A4:1094658-1096092	WT_5hasex	WT_veg	NOTEST	0,344298	0,980482	1,50983	-1,09293	0,274424	1	no
AN6149	ChrI_A_nidulans_FGSC_A4:1091592-1093622	WT_5hasex	WT_veg	OK	12,5224	51,1849	2,03121	-3,72009	0,00019915	0,00198556	yes
AN6150	ChrI_A_nidulans_FGSC_A4:1085945-1090679	WT_5hasex	WT_veg	OK	32,1161	45,9847	0,517857	-1,03526	0,300549	0,576225	no
AN6151	ChrI_A_nidulans_FGSC_A4:1081679-1082504	WT_5hasex	WT_veg	NOTEST	1,10776	1,7566	0,665142	-0,56672	0,570905	1	no
AN6153	ChrI_A_nidulans_FGSC_A4:1073270-1074061	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6154	ChrI_A_nidulans_FGSC_A4:1070597-1071875	WT_5hasex	WT_veg	NOTEST	0,137403	0,640622	2,22106	-1,14626	0,251686	1	no
AN6155	ChrI_A_nidulans_FGSC_A4:1068048-1068906	WT_5hasex	WT_veg	OK	2,22192	0	-1.79769e+308	-1.79769e+308	0,0296488	0,120271	no
AN6156	ChrI_A_nidulans_FGSC_A4:1065165-1066801	WT_5hasex	WT_veg	OK	7,05466	12,0119	0,767816	-1,20742	0,227269	0,490218	no
AN6158	ChrI_A_nidulans_FGSC_A4:1061945-1062883	WT_5hasex	WT_veg	OK	109,656	58,1945	-0,91403	1,81441	0,0696139	0,224591	no
AN6159	ChrI_A_nidulans_FGSC_A4:1060126-1061652	WT_5hasex	WT_veg	OK	15,2799	28,8543	0,917151	-1,57598	0,115031	0,31836	no
AN6160	ChrI_A_nidulans_FGSC_A4:1057331-1059444	WT_5hasex	WT_veg	OK	26,7825	37,3055	0,4781	-0,950506	0,341855	0,61744	no
AN6161	ChrI_A_nidulans_FGSC_A4:1054054-1056328	WT_5hasex	WT_veg	OK	11,5568	9,13326	-0,339535	0,603114	0,546433	0,779925	no
AN6162	ChrI_A_nidulans_FGSC_A4:1052929-1053898	WT_5hasex	WT_veg	OK	8,24058	6,4452	-0,354522	0,495721	0,620092	0,824469	no
AN6163	ChrI_A_nidulans_FGSC_A4:1051503-1052056	WT_5hasex	WT_veg	OK	5,43562	20,1575	1,8908	-2,13616	0,0326667	0,129586	no
AN6164	ChrI_A_nidulans_FGSC_A4:1042470-1050676	WT_5hasex	WT_veg	OK	8,38591	28,5702	1,76847	-3,57726	0,00034721	0,00318587	yes
AN6165	ChrI_A_nidulans_FGSC_A4:1039832-1041740	WT_5hasex	WT_veg	OK	27,5165	110,477	2,00537	-4,05148	5,0896E-05	0,00060766	yes
AN6166	ChrI_A_nidulans_FGSC_A4:1037691-1039495	WT_5hasex	WT_veg	OK	52,5141	247,712	2,23789	-4,64639	3,378E-06	5,4634E-05	yes
AN6167	ChrI_A_nidulans_FGSC_A4:1035229-1036744	WT_5hasex	WT_veg	OK	15,3248	30,2519	0,981159	-1,67939	0,0930766	0,275352	no
AN6169	ChrI_A_nidulans_FGSC_A4:1026739-1029138	WT_5hasex	WT_veg	OK	219,752	542,877	1,30475	-2,47159	0,0134513	0,0657535	no
AN6170	ChrI_A_nidulans_FGSC_A4:1024990-1026401	WT_5hasex	WT_veg	OK	66,6342	64,2787	-0,0519211	0,106899	0,914869	0,967482	no
AN6171	ChrI_A_nidulans_FGSC_A4:1024067-1024816	WT_5hasex	WT_veg	OK	25,9039	218,809	3,07843	-5,16958	2,3462E-07	5,0199E-06	yes
AN6172	ChrI_A_nidulans_FGSC_A4:1022533-1023772	WT_5hasex	WT_veg	OK	20,5013	40,253	0,97338	-1,69832	0,0894467	0,26804	no
AN6173	ChrI_A_nidulans_FGSC_A4:1018833-1021326	WT_5hasex	WT_veg	OK	5,41224	9,56891	0,822128	-1,34662	0,178102	0,423242	no
AN6174	ChrI_A_nidulans_FGSC_A4:1016819-1018580	WT_5hasex	WT_veg	OK	19,9183	33,1736	0,735943	-1,40071	0,161301	0,397048	no
AN6175	ChrI_A_nidulans_FGSC_A4:1015309-1016372	WT_5hasex	WT_veg	OK	28,3448	82,7807	1,54621	-2,95306	0,00314645	0,0203405	yes
AN6176	ChrI_A_nidulans_FGSC_A4:1014712-1015236	WT_5hasex	WT_veg	OK	79,1893	145,981	0,882403	-1,65388	0,0981513	0,285534	no
AN6177	ChrI_A_nidulans_FGSC_A4:1011902-1013569	WT_5hasex	WT_veg	OK	3,2263	4,97903	0,625981	-0,855119	0,392485	0,665836	no
AN6178	ChrI_A_nidulans_FGSC_A4:1010112-1011169	WT_5hasex	WT_veg	OK	28,649	72,4198	1,3379	-2,49815	0,0124844	0,0620691	no
AN6179	ChrI_A_nidulans_FGSC_A4:1009035-1009787	WT_5hasex	WT_veg	OK	182,14	169,022	-0,107844	0,220156	0,82575	0,930558	no
AN6180	ChrI_A_nidulans_FGSC_A4:1007444-1008560	WT_5hasex	WT_veg	OK	14,5644	22,4334	0,623199	-0,970694	0,331701	0,608053	no
AN6181	ChrI_A_nidulans_FGSC_A4:1006090-1007199	WT_5hasex	WT_veg	OK	2464,52	3601,92	0,547456	-0,894252	0,371187	0,645974	no
AN6183	ChrI_A_nidulans_FGSC_A4:1002629-1003914	WT_5hasex	WT_veg	OK	65,2536	160,553	1,29892	-2,68115	0,00733701	0,0406679	yes
AN6186	ChrI_A_nidulans_FGSC_A4:993227-996118	WT_5hasex	WT_veg	OK	6,02469	12,224	1,02076	-1,76122	0,0782005	0,243891	no
AN6187	ChrI_A_nidulans_FGSC_A4:991015-993059	WT_5hasex	WT_veg	OK	6,56239	18,103	1,46393	-2,38865	0,0169103	0,0784746	no
AN6188	ChrI_A_nidulans_FGSC_A4:990095-990946	WT_5hasex	WT_veg	OK	52,9051	118,616	1,16482	-2,29851	0,0215328	0,0942264	no
AN6189	ChrI_A_nidulans_FGSC_A4:989136-989731	WT_5hasex	WT_veg	OK	22,2154	24,1113	0,118147	-0,184003	0,854011	0,94288	no
AN6190	ChrI_A_nidulans_FGSC_A4:987243-988764	WT_5hasex	WT_veg	OK	35,8864	45,1286	0,330602	-0,667062	0,504732	0,752846	no
AN6191	ChrI_A_nidulans_FGSC_A4:985278-986892	WT_5hasex	WT_veg	OK	44,798	92,7338	1,04966	-2,13133	0,0330618	0,130765	no
AN6192	ChrI_A_nidulans_FGSC_A4:981028-984487	WT_5hasex	WT_veg	OK	19,756	180,708	3,19329	-6,24517	4,2335E-10	1,5926E-08	yes

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AN6193	ChrI_A_nidulans_FGSC_A4:975355-979261	WT_5hasex	WT_veg	OK	50,7089	66,9816	0,401526	-0,801175	0,423031	0,691065	no
AN6196	ChrI_A_nidulans_FGSC_A4:955885-956784	WT_5hasex	WT_veg	OK	18,6326	90,0468	2,27285	-3,87	0,00010884	0,00118225	yes
AN6198	ChrI_A_nidulans_FGSC_A4:951250-952009	WT_5hasex	WT_veg	OK	16,5508	34,5577	1,0621	-1,72992	0,0836439	0,255747	no
AN6199	ChrI_A_nidulans_FGSC_A4:949459-950169	WT_5hasex	WT_veg	OK	64,5741	61,1629	-0,0783	0,148556	0,881904	0,95519	no
AN6200	ChrI_A_nidulans_FGSC_A4:944626-948705	WT_5hasex	WT_veg	OK	9,13657	52,7953	2,53068	-4,85324	1,2146E-06	2,1842E-05	yes
AN6201	ChrI_A_nidulans_FGSC_A4:942264-943353	WT_5hasex	WT_veg	OK	11,2336	29,6186	1,39869	-2,26307	0,0236315	0,101006	no
AN6203	ChrI_A_nidulans_FGSC_A4:926991-927705	WT_5hasex	WT_veg	OK	209,127	2332,74	3,47958	-7,04959	1,7946E-12	9,6549E-11	yes
AN6205	ChrI_A_nidulans_FGSC_A4:917517-919778	WT_5hasex	WT_veg	OK	10,9505	11,6056	0,0838253	-0,149822	0,880905	0,95479	no
AN6206	ChrI_A_nidulans_FGSC_A4:916122-917077	WT_5hasex	WT_veg	OK	10,4929	20,1909	0,944289	-1,42414	0,154407	0,386345	no
AN6207	ChrI_A_nidulans_FGSC_A4:913842-915339	WT_5hasex	WT_veg	OK	74,7255	50,6154	-0,562023	1,15445	0,248315	0,516465	no
AN6208	ChrI_A_nidulans_FGSC_A4:909120-911101	WT_5hasex	WT_veg	OK	112,616	95,0487	-0,244677	0,494341	0,621065	0,824947	no
AN6209	ChrI_A_nidulans_FGSC_A4:906628-908779	WT_5hasex	WT_veg	OK	52,7287	86,0498	0,706585	-1,36429	0,172477	0,414859	no
AN6210	ChrI_A_nidulans_FGSC_A4:903773-905786	WT_5hasex	WT_veg	OK	43,3435	41,9656	-0,046607	0,0937845	0,92528	0,971697	no
AN6214	ChrI_A_nidulans_FGSC_A4:891632-893435	WT_5hasex	WT_veg	OK	29,3571	41,9707	0,515673	-1,03281	0,301691	0,577485	no
AN6215	ChrI_A_nidulans_FGSC_A4:890247-891207	WT_5hasex	WT_veg	OK	24,1223	40,6112	0,751509	-1,35798	0,17447	0,418213	no
AN6216	ChrI_A_nidulans_FGSC_A4:888351-889776	WT_5hasex	WT_veg	OK	45,8036	55,5114	0,277323	-0,559437	0,575864	0,798629	no
AN6217	ChrI_A_nidulans_FGSC_A4:884928-887161	WT_5hasex	WT_veg	OK	38,1973	80,2101	1,07031	-2,22398	0,0261497	0,109257	no
AN6218	ChrI_A_nidulans_FGSC_A4:882583-884719	WT_5hasex	WT_veg	OK	21,172	29,7799	0,492179	-0,964317	0,334887	0,611136	no
AN6220	ChrI_A_nidulans_FGSC_A4:868158-870159	WT_5hasex	WT_veg	OK	24,66	36,457	0,564024	-1,07956	0,28034	0,553872	no
AN6223	ChrI_A_nidulans_FGSC_A4:853098-853776	WT_5hasex	WT_veg	OK	19,0199	24,7289	0,378689	-0,599706	0,548702	0,781412	no
AN6224	ChrI_A_nidulans_FGSC_A4:851117-851814	WT_5hasex	WT_veg	OK	39,0486	99,0103	1,34231	-2,45829	0,0139601	0,0676537	no
AN6225	ChrI_A_nidulans_FGSC_A4:850238-850877	WT_5hasex	WT_veg	OK	154,477	525,282	1,7657	-3,62687	0,00028687	0,00271644	yes
AN6227	ChrI_A_nidulans_FGSC_A4:843381-844901	WT_5hasex	WT_veg	OK	82,3081	311,377	1,91956	-3,80241	0,00014329	0,00149549	yes
AN6228	ChrI_A_nidulans_FGSC_A4:838121-843228	WT_5hasex	WT_veg	OK	20,229	80,9103	1,99989	-4,20323	2,6313E-05	0,00034062	yes
AN6233	ChrI_A_nidulans_FGSC_A4:811499-812467	WT_5hasex	WT_veg	OK	18,0618	58,2247	1,68869	-2,94885	0,00318955	0,0205684	yes
AN6234	ChrI_A_nidulans_FGSC_A4:805517-806915	WT_5hasex	WT_veg	OK	16,8614	6,39261	-1,39924	2,34106	0,019229	0,0863329	no
AN6235	ChrI_A_nidulans_FGSC_A4:804516-805330	WT_5hasex	WT_veg	OK	24,1958	5,31243	-2,18731	3,12391	0,00178465	0,0127031	yes
AN6236	ChrI_A_nidulans_FGSC_A4:797657-804024	WT_5hasex	WT_veg	OK	12,9608	2,96456	-2,12826	4,25653	2,0762E-05	0,00027551	yes
AN6237	ChrI_A_nidulans_FGSC_A4:793305-797305	WT_5hasex	WT_veg	OK	14,6703	3,41795	-2,1017	4,03577	5,4424E-05	0,00064494	yes
AN6238	ChrI_A_nidulans_FGSC_A4:790650-792562	WT_5hasex	WT_veg	OK	3,32269	0,939358	-1,8226	1,79172	0,0731782	0,232673	no
AN6239	ChrI_A_nidulans_FGSC_A4:789395-790487	WT_5hasex	WT_veg	OK	22,1827	12,0453	-0,880968	1,54054	0,12343	0,33351	no
AN6240	ChrI_A_nidulans_FGSC_A4:787248-788354	WT_5hasex	WT_veg	OK	22,3705	50,125	1,16394	-2,1152	0,0344131	0,135009	no
AN6241	ChrI_A_nidulans_FGSC_A4:784741-787015	WT_5hasex	WT_veg	OK	112,05	452,268	2,01304	-4,00242	6,2697E-05	0,00073026	yes
AN6242	ChrI_A_nidulans_FGSC_A4:783087-784274	WT_5hasex	WT_veg	OK	4,18554	2,93616	-0,511485	0,462793	0,643513	0,837954	no
AN6244	ChrI_A_nidulans_FGSC_A4:771911-773315	WT_5hasex	WT_veg	OK	29,9592	53,916	0,847717	-1,62676	0,103788	0,297392	no
AN6245	ChrI_A_nidulans_FGSC_A4:770658-771525	WT_5hasex	WT_veg	OK	50,0078	227,908	2,18823	-4,30085	1,7014E-05	0,00023193	yes
AN6247	ChrI_A_nidulans_FGSC_A4:765595-767860	WT_5hasex	WT_veg	OK	39,1965	67,5471	0,785168	-1,61812	0,105636	0,301025	no
AN6248	ChrI_A_nidulans_FGSC_A4:762501-763422	WT_5hasex	WT_veg	OK	158,043	372,118	1,23544	-2,43387	0,0149383	0,0713058	no
AN6250	ChrI_A_nidulans_FGSC_A4:756139-758659	WT_5hasex	WT_veg	OK	39,807	119,675	1,58803	-3,28531	0,00101868	0,00797924	yes
AN6251	ChrI_A_nidulans_FGSC_A4:752191-753517	WT_5hasex	WT_veg	OK	68,495	239,977	1,80882	-3,68076	0,00023254	0,00226753	yes
AN6252	ChrI_A_nidulans_FGSC_A4:750359-751927	WT_5hasex	WT_veg	OK	43,1353	114,14	1,40386	-2,876	0,0040275	0,0249114	yes
AN6255	ChrI_A_nidulans_FGSC_A4:745275-746204	WT_5hasex	WT_veg	OK	1605,11	1459,16	-0,137533	0,241875	0,808877	0,923371	no
AN6256	ChrI_A_nidulans_FGSC_A4:743679-744218	WT_5hasex	WT_veg	OK	42,788	87,5604	1,03307	-1,84195	0,065482	0,214945	no
AN6257	ChrI_A_nidulans_FGSC_A4:738812-743488	WT_5hasex	WT_veg	OK	38,545	43,8617	0,18642	-0,378183	0,705295	0,87246	no
AN6258	ChrI_A_nidulans_FGSC_A4:737135-738359	WT_5hasex	WT_veg	OK	16,0083	18,1707	0,182787	-0,316643	0,751515	0,896426	no
AN6259	ChrI_A_nidulans_FGSC_A4:734959-735674	WT_5hasex	WT_veg	OK	6,59864	10,8293	0,714705	-0,920953	0,357075	0,632257	no
AN6260	ChrI_A_nidulans_FGSC_A4:731519-733209	WT_5hasex	WT_veg	OK	50,2639	77,1892	0,618875	-1,27063	0,203861	0,459926	no
AN6261	ChrI_A_nidulans_FGSC_A4:723525-730500	WT_5hasex	WT_veg	OK	4,51352	8,47755	0,909394	-1,74898	0,0802939	0,248291	no
AN6262	ChrI_A_nidulans_FGSC_A4:721301-722877	WT_5hasex	WT_veg	OK	54,7488	59,473	0,119407	-0,231001	0,817314	0,926851	no
AN6263	ChrI_A_nidulans_FGSC_A4:717860-720928	WT_5hasex	WT_veg	OK	32,6982	43,0558	0,396996	-0,808633	0,418726	0,687086	no
AN6264	ChrI_A_nidulans_FGSC_A4:713218-714617	WT_5hasex	WT_veg	OK	70,9601	116,102	0,710308	-1,4639	0,14322	0,368019	no
AN6265	ChrI_A_nidulans_FGSC_A4:710385-712407	WT_5hasex	WT_veg	OK	11,7466	111,061	3,24103	-5,88251	4,0408E-09	1,2677E-07	yes
AN6266	ChrI_A_nidulans_FGSC_A4:707467-710134	WT_5hasex	WT_veg	OK	12,9043	75,3984	2,54668	-4,84256	1,2818E-06	2,2964E-05	yes

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AN6267	ChrI_A_nidulans_FGSC_A4:705986-707456	WT_5hasex	WT_veg	OK	90,8977	262,133	1,52798	-3,16319	0,0015605	0,0113558	yes
AN6268	ChrI_A_nidulans_FGSC_A4:702841-705753	WT_5hasex	WT_veg	OK	33,6917	96,299	1,51513	-3,17154	0,00151632	0,011099	yes
AN6269	ChrI_A_nidulans_FGSC_A4:701156-702667	WT_5hasex	WT_veg	OK	82,3477	96,0926	0,222697	-0,456486	0,648041	0,840352	no
AN6270	ChrI_A_nidulans_FGSC_A4:699057-700900	WT_5hasex	WT_veg	OK	14,2941	12,334	-0,212778	0,38378	0,701141	0,870069	no
AN6271	ChrI_A_nidulans_FGSC_A4:696455-698916	WT_5hasex	WT_veg	OK	53,8268	92,213	0,776647	-1,59426	0,110879	0,310942	no
AN6272	ChrI_A_nidulans_FGSC_A4:694113-695810	WT_5hasex	WT_veg	OK	37,3051	35,8654	-0,0567795	0,110299	0,912172	0,966704	no
AN6273	ChrI_A_nidulans_FGSC_A4:691742-692362	WT_5hasex	WT_veg	OK	23,2499	28,2578	0,281422	-0,417751	0,676129	0,855977	no
AN6274	ChrI_A_nidulans_FGSC_A4:690221-691165	WT_5hasex	WT_veg	OK	195,339	1172,09	2,58502	-4,92103	8,609E-07	1,6083E-05	yes
AN6275	ChrI_A_nidulans_FGSC_A4:686627-689024	WT_5hasex	WT_veg	OK	15,9466	28,6966	0,847631	-1,67635	0,0936696	0,276534	no
AN6276	ChrI_A_nidulans_FGSC_A4:684418-685556	WT_5hasex	WT_veg	OK	58,4749	157,402	1,42857	-2,84049	0,00450437	0,0273699	yes
AN6277	ChrI_A_nidulans_FGSC_A4:681406-683914	WT_5hasex	WT_veg	OK	158,076	596,749	1,9165	-3,49469	0,00047461	0,00416383	yes
AN6278	ChrI_A_nidulans_FGSC_A4:678139-679419	WT_5hasex	WT_veg	OK	41,1988	87,0813	1,07976	-2,11126	0,0347501	0,135954	no
AN6280	ChrI_A_nidulans_FGSC_A4:670896-674240	WT_5hasex	WT_veg	OK	16,5557	30,7698	0,894184	-1,82406	0,068143	0,221287	no
AN6281	ChrI_A_nidulans_FGSC_A4:668375-669320	WT_5hasex	WT_veg	OK	10,3902	4,93828	-1,07314	1,45523	0,145606	0,371942	no
AN6283	ChrI_A_nidulans_FGSC_A4:659877-661222	WT_5hasex	WT_veg	OK	11,2671	14,5682	0,370714	-0,616552	0,53753	0,773986	no
AN6284	ChrI_A_nidulans_FGSC_A4:656949-659730	WT_5hasex	WT_veg	OK	21,7443	37,9428	0,803188	-1,62923	0,103263	0,296278	no
AN6285	ChrI_A_nidulans_FGSC_A4:654221-655670	WT_5hasex	WT_veg	OK	67,0034	73,7333	0,138082	-0,266621	0,789761	0,914325	no
AN6286	ChrI_A_nidulans_FGSC_A4:649937-653698	WT_5hasex	WT_veg	OK	109,905	588,799	2,42152	-4,16002	3,1822E-05	0,00040426	yes
AN6287	ChrI_A_nidulans_FGSC_A4:648319-649579	WT_5hasex	WT_veg	OK	331,171	600,109	0,857648	-1,71976	0,0854767	0,259736	no
AN6289	ChrI_A_nidulans_FGSC_A4:643848-646405	WT_5hasex	WT_veg	OK	16,1891	17,0446	0,0742967	-0,144415	0,885173	0,956347	no
AN6290	ChrI_A_nidulans_FGSC_A4:642444-643374	WT_5hasex	WT_veg	OK	17,4526	136,714	2,96964	-5,19522	2,0448E-07	4,4461E-06	yes
AN6291	ChrI_A_nidulans_FGSC_A4:636964-640292	WT_5hasex	WT_veg	OK	10,4017	15,199	0,547155	-1,02227	0,306651	0,582848	no
AN6292	ChrI_A_nidulans_FGSC_A4:635141-636046	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6294	ChrI_A_nidulans_FGSC_A4:630006-631260	WT_5hasex	WT_veg	OK	53,3192	85,753	0,685533	-1,35785	0,17451	0,418272	no
AN6295	ChrI_A_nidulans_FGSC_A4:628000-629672	WT_5hasex	WT_veg	OK	19,0498	59,2917	1,63805	-3,00211	0,00268115	0,0177957	yes
AN6296	ChrI_A_nidulans_FGSC_A4:624797-626672	WT_5hasex	WT_veg	OK	12,6136	11,2734	-0,162062	0,275655	0,782813	0,911266	no
AN6297	ChrI_A_nidulans_FGSC_A4:623305-624503	WT_5hasex	WT_veg	OK	79,0665	71,847	-0,138138	0,272892	0,784936	0,912391	no
AN6298	ChrI_A_nidulans_FGSC_A4:621704-622589	WT_5hasex	WT_veg	OK	2,46326	4,43148	0,84722	-0,989755	0,322294	0,598471	no
AN6299	ChrI_A_nidulans_FGSC_A4:619208-621334	WT_5hasex	WT_veg	OK	23,2937	27,3735	0,232839	-0,430057	0,667154	0,851194	no
AN6300	ChrI_A_nidulans_FGSC_A4:616618-617929	WT_5hasex	WT_veg	OK	22,946	30,3233	0,402181	-0,733501	0,463253	0,72261	no
AN6301	ChrI_A_nidulans_FGSC_A4:614103-615496	WT_5hasex	WT_veg	OK	116,454	883,31	2,92316	-5,98045	2,2252E-09	7,297E-08	yes
AN6304	ChrI_A_nidulans_FGSC_A4:607103-609686	WT_5hasex	WT_veg	OK	15,1638	14,791	-0,0359122	0,0705148	0,943784	0,978986	no
AN6306	ChrI_A_nidulans_FGSC_A4:603117-603904	WT_5hasex	WT_veg	OK	240,322	349,562	0,540579	-1,07967	0,280287	0,553867	no
AN6307	ChrI_A_nidulans_FGSC_A4:601167-602555	WT_5hasex	WT_veg	OK	46,5106	69,6872	0,583336	-1,12784	0,259386	0,529588	no
AN6308	ChrI_A_nidulans_FGSC_A4:599782-600947	WT_5hasex	WT_veg	OK	29,2606	77,9916	1,41436	-2,7	0,00693401	0,038845	yes
AN6309	ChrI_A_nidulans_FGSC_A4:598112-599375	WT_5hasex	WT_veg	OK	20,3575	35,344	0,795907	-1,44962	0,147163	0,374602	no
AN6310	ChrI_A_nidulans_FGSC_A4:583071-597892	WT_5hasex	WT_veg	OK	2,51575	9,45228	1,90967	-3,83856	0,00012376	0,00132296	yes
AN6311	ChrI_A_nidulans_FGSC_A4:579871-582808	WT_5hasex	WT_veg	OK	28,2636	26,0202	-0,119312	0,243321	0,807757	0,922932	no
AN6312	ChrI_A_nidulans_FGSC_A4:578720-579508	WT_5hasex	WT_veg	OK	18,1196	47,9053	1,40264	-2,34221	0,0191701	0,0861653	no
AN6314	ChrI_A_nidulans_FGSC_A4:573010-574118	WT_5hasex	WT_veg	OK	10,9696	8,30071	-0,402199	0,579621	0,56217	0,790194	no
AN6315	ChrI_A_nidulans_FGSC_A4:571323-572965	WT_5hasex	WT_veg	OK	5,65681	6,76198	0,257456	-0,36229	0,717135	0,878779	no
AN6319	ChrI_A_nidulans_FGSC_A4:551070-552780	WT_5hasex	WT_veg	OK	8,86249	3,91668	-1,17808	1,72207	0,0850577	0,258785	no
AN6322	ChrI_A_nidulans_FGSC_A4:540148-541957	WT_5hasex	WT_veg	OK	24,0412	70,8072	1,55839	-3,04678	0,00231308	0,0157498	yes
AN6325	ChrI_A_nidulans_FGSC_A4:531701-532807	WT_5hasex	WT_veg	OK	43,1532	65,6919	0,606249	-1,18652	0,235416	0,500741	no
AN6327	ChrI_A_nidulans_FGSC_A4:520467-522265	WT_5hasex	WT_veg	OK	41,6137	49,6731	0,255405	-0,43542	0,663258	0,849283	no
AN6328	ChrI_A_nidulans_FGSC_A4:517447-519430	WT_5hasex	WT_veg	OK	60,8773	53,2813	-0,192274	0,382797	0,70187	0,870427	no
AN6329	ChrI_A_nidulans_FGSC_A4:507118-516784	WT_5hasex	WT_veg	OK	7,97213	10,1386	0,346821	-0,711616	0,476703	0,732685	no
AN6330	ChrI_A_nidulans_FGSC_A4:502838-506120	WT_5hasex	WT_veg	OK	588,306	1155,34	0,973681	-1,57955	0,114211	0,317034	no
AN6331	ChrI_A_nidulans_FGSC_A4:499915-502407	WT_5hasex	WT_veg	OK	20,2633	44,6977	1,14133	-2,29012	0,0220142	0,0958259	no
AN6332	ChrI_A_nidulans_FGSC_A4:498837-499714	WT_5hasex	WT_veg	OK	13,071	19,4881	0,576225	-0,899097	0,368601	0,643354	no
AN6333	ChrI_A_nidulans_FGSC_A4:496354-498348	WT_5hasex	WT_veg	OK	11,1341	15,4077	0,468663	-0,84246	0,39953	0,67185	no
AN6334	ChrI_A_nidulans_FGSC_A4:492293-496043	WT_5hasex	WT_veg	OK	14,208	90,1522	2,66566	-5,41438	6,1502E-08	1,5067E-06	yes
AN6335	ChrI_A_nidulans_FGSC_A4:490749-491987	WT_5hasex	WT_veg	OK	22,5877	28,0184	0,310839	-0,575238	0,56513	0,792141	no

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AN6337	ChrI_A_nidulans_FGSC_A4:485693-486494	WT_5hasex	WT_veg	OK	1441,84	3563,89	1,30554	-2,30229	0,0213186	0,0935862	no
AN6338	ChrI_A_nidulans_FGSC_A4:481132-483132	WT_5hasex	WT_veg	OK	61,472	62,3174	0,0197055	-0,0409301	0,967352	0,988035	no
AN6339	ChrI_A_nidulans_FGSC_A4:477236-480187	WT_5hasex	WT_veg	OK	8,77271	9,37661	0,0960446	-0,174947	0,861121	0,946301	no
AN6341	ChrI_A_nidulans_FGSC_A4:470723-473016	WT_5hasex	WT_veg	OK	59,1592	61,2955	0,0511787	-0,106309	0,915337	0,967612	no
AN6342	ChrI_A_nidulans_FGSC_A4:466751-469951	WT_5hasex	WT_veg	OK	14,4188	16,2759	0,174793	-0,348421	0,727524	0,884404	no
AN6344	ChrI_A_nidulans_FGSC_A4:458272-460079	WT_5hasex	WT_veg	OK	22,2535	28,8352	0,373799	-0,722874	0,469757	0,727968	no
AN6345	ChrI_A_nidulans_FGSC_A4:456378-457617	WT_5hasex	WT_veg	OK	34,9263	78,2463	1,16371	-2,22338	0,0261902	0,109391	no
AN6346	ChrI_A_nidulans_FGSC_A4:454208-456320	WT_5hasex	WT_veg	OK	133,641	171,95	0,363621	-0,618922	0,535968	0,773096	no
AN6347	ChrI_A_nidulans_FGSC_A4:451659-453735	WT_5hasex	WT_veg	OK	36,9982	114,855	1,63428	-3,30836	0,00093846	0,00745446	yes
AN6348	ChrI_A_nidulans_FGSC_A4:449578-450252	WT_5hasex	WT_veg	OK	94,9734	402,862	2,08469	-4,16235	3,1499E-05	0,00040044	yes
AN6349	ChrI_A_nidulans_FGSC_A4:443629-449186	WT_5hasex	WT_veg	OK	12,5079	30,1837	1,27093	-2,62368	0,00869862	0,0466556	yes
AN6350	ChrI_A_nidulans_FGSC_A4:442486-443386	WT_5hasex	WT_veg	OK	2,34134	10,7687	2,20144	-2,82827	0,00468005	0,0282117	yes
AN6351	ChrI_A_nidulans_FGSC_A4:439880-442269	WT_5hasex	WT_veg	OK	48,6441	120,258	1,30579	-2,70511	0,00682826	0,0383757	yes
AN6353	ChrI_A_nidulans_FGSC_A4:436272-437538	WT_5hasex	WT_veg	OK	9,65875	28,9821	1,58525	-2,5872	0,00967598	0,0507447	no
AN6354	ChrI_A_nidulans_FGSC_A4:430984-435765	WT_5hasex	WT_veg	OK	18,7092	89,9565	2,26548	-4,75315	2,0028E-06	3,4432E-05	yes
AN6356	ChrI_A_nidulans_FGSC_A4:423232-423883	WT_5hasex	WT_veg	NOTEST	0	2,65683	1.79769e+308	1.79769e+308	0,036343	1	no
AN6358	ChrI_A_nidulans_FGSC_A4:420311-421028	WT_5hasex	WT_veg	NOTEST	1,11951	0	-1.79769e+308	-1.79769e+308	0,0540986	1	no
AN6360	ChrI_A_nidulans_FGSC_A4:413644-415634	WT_5hasex	WT_veg	OK	20,9815	38,1373	0,862084	-1,72221	0,0850308	0,258756	no
AN6361	ChrI_A_nidulans_FGSC_A4:412819-413584	WT_5hasex	WT_veg	OK	14,0008	18,2497	0,382359	-0,596504	0,550838	0,782632	no
AN6362	ChrI_A_nidulans_FGSC_A4:411742-412369	WT_5hasex	WT_veg	OK	19,0488	79,2528	2,05676	-3,27992	0,00103836	0,00810666	yes
AN6365	ChrI_A_nidulans_FGSC_A4:404623-409531	WT_5hasex	WT_veg	OK	41,9461	52,494	0,323616	-0,594748	0,552012	0,783323	no
AN6366	ChrI_A_nidulans_FGSC_A4:401621-404172	WT_5hasex	WT_veg	OK	224,817	232,259	0,0469818	-0,0926743	0,926162	0,972029	no
AN6367	ChrI_A_nidulans_FGSC_A4:401621-404172	WT_5hasex	WT_veg	OK	314,386	1027,61	1,70868	-3,32835	0,00087363	0,00700967	yes
AN6368	ChrI_A_nidulans_FGSC_A4:398977-401265	WT_5hasex	WT_veg	OK	67,3789	199,101	1,56313	-3,24042	0,00119353	0,00908799	yes
AN6369	ChrI_A_nidulans_FGSC_A4:395743-398043	WT_5hasex	WT_veg	OK	8,96489	34,6382	1,95001	-3,09151	0,00199139	0,0139267	yes
AN6370	ChrI_A_nidulans_FGSC_A4:391695-394028	WT_5hasex	WT_veg	OK	45,9882	254,136	2,46626	-5,08186	3,7376E-07	7,6327E-06	yes
AN6371	ChrI_A_nidulans_FGSC_A4:386089-387844	WT_5hasex	WT_veg	OK	92,2079	180,062	0,96553	-1,89477	0,0581234	0,197522	no
AN6372	ChrI_A_nidulans_FGSC_A4:384188-385814	WT_5hasex	WT_veg	OK	83,1856	51,4225	-0,693934	1,30446	0,192078	0,443333	no
AN6373	ChrI_A_nidulans_FGSC_A4:381489-382921	WT_5hasex	WT_veg	OK	61,9487	93,0225	0,586506	-1,08808	0,27656	0,549743	no
AN6374	ChrI_A_nidulans_FGSC_A4:378989-380985	WT_5hasex	WT_veg	OK	10,7457	92,1306	3,09992	-5,51703	3,4477E-08	8,8744E-07	yes
AN6376	ChrI_A_nidulans_FGSC_A4:374608-375134	WT_5hasex	WT_veg	OK	95,7363	207,929	1,11895	-2,07216	0,0382501	0,145932	no
AN6377	ChrI_A_nidulans_FGSC_A4:371716-373885	WT_5hasex	WT_veg	OK	5,0703	1,4763	-1,78009	2,29439	0,0217681	0,0950577	no
AN6378	ChrI_A_nidulans_FGSC_A4:367304-368480	WT_5hasex	WT_veg	OK	35,998	81,476	1,17846	-2,11205	0,0346823	0,13579	no
AN6379	ChrI_A_nidulans_FGSC_A4:364852-367063	WT_5hasex	WT_veg	OK	19,5694	87,9876	2,1687	-3,9158	9,0104E-05	0,0010029	yes
AN6380	ChrI_A_nidulans_FGSC_A4:363417-364368	WT_5hasex	WT_veg	OK	59,7318	37,0478	-0,689111	1,15509	0,248052	0,516323	no
AN6381	ChrI_A_nidulans_FGSC_A4:360424-361969	WT_5hasex	WT_veg	OK	1,75542	5,65756	1,68836	-2,054	0,0399754	0,150759	no
AN6382	ChrI_A_nidulans_FGSC_A4:350020-351913	WT_5hasex	WT_veg	OK	2,7524	4,22595	0,618587	-0,74358	0,45713	0,717997	no
AN6383	ChrI_A_nidulans_FGSC_A4:346561-348353	WT_5hasex	WT_veg	OK	8,45154	19,7267	1,22286	-1,8711	0,0613314	0,205266	no
AN6384	ChrI_A_nidulans_FGSC_A4:344375-345455	WT_5hasex	WT_veg	NOTEST	0,365844	3,22131	3,13835	-2,40584	0,0161355	1	no
AN6385	ChrI_A_nidulans_FGSC_A4:340853-342740	WT_5hasex	WT_veg	NOTEST	0,384593	0,487797	0,342948	-0,200144	0,841368	1	no
AN6386	ChrI_A_nidulans_FGSC_A4:338297-339555	WT_5hasex	WT_veg	OK	289,246	302,881	0,0664545	-0,119566	0,904827	0,963683	no
AN6387	ChrI_A_nidulans_FGSC_A4:336295-338015	WT_5hasex	WT_veg	OK	22,1903	20,7496	-0,0968436	0,185316	0,852981	0,942411	no
AN6389	ChrI_A_nidulans_FGSC_A4:330550-332356	WT_5hasex	WT_veg	NOTEST	0,54532	1,46034	1,42113	-1,32159	0,186306	1	no
AN6390	ChrI_A_nidulans_FGSC_A4:328112-329873	WT_5hasex	WT_veg	NOTEST	1,77969	3,16272	0,829541	-0,998958	0,317815	1	no
AN6392	ChrI_A_nidulans_FGSC_A4:320355-322034	WT_5hasex	WT_veg	OK	2,50427	3,93804	0,653085	-0,851646	0,394411	0,667455	no
AN6393	ChrI_A_nidulans_FGSC_A4:319277-320064	WT_5hasex	WT_veg	OK	5,31759	5,24988	-0,0184889	0,0214091	0,982919	0,993901	no
AN6394	ChrI_A_nidulans_FGSC_A4:317035-318710	WT_5hasex	WT_veg	OK	5,92983	6,2559	0,0772258	-0,116275	0,907435	0,964595	no
AN6396	ChrI_A_nidulans_FGSC_A4:311441-314040	WT_5hasex	WT_veg	NOTEST	0,969227	3,40271	1,81178	-2,28276	0,0224443	1	no
AN6397	ChrI_A_nidulans_FGSC_A4:308116-309876	WT_5hasex	WT_veg	OK	18,39	181,394	3,30214	-6,32691	2,5012E-10	9,752E-09	yes
AN6398	ChrI_A_nidulans_FGSC_A4:306712-307706	WT_5hasex	WT_veg	OK	36,1032	136,234	1,91588	-3,5972	0,00032167	0,00298856	yes
AN6399	ChrI_A_nidulans_FGSC_A4:303851-305517	WT_5hasex	WT_veg	OK	69,5295	212,202	1,60974	-2,53772	0,0111579	0,0567719	no
AN6400	ChrI_A_nidulans_FGSC_A4:299999-302568	WT_5hasex	WT_veg	OK	13,1739	2,10873	-2,64324	3,9656	7,3212E-05	0,0008351	yes
AN6401	ChrI_A_nidulans_FGSC_A4:298404-298947	WT_5hasex	WT_veg	OK	929,352	28,7111	-5,01655	6,74785	1,5005E-11	6,9523E-10	yes

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AN6403	ChrI_A_nidulans_FGSC_A4:291659-293458	WT_5hasex	WT_veg	NOTEST	0,135563	0,995245	2,87609	-1,39291	0,163648	1	no
AN6404	ChrI_A_nidulans_FGSC_A4:288010-289336	WT_5hasex	WT_veg	OK	73,9527	175,223	1,24452	-2,06629	0,0388013	0,147509	no
AN6405	ChrI_A_nidulans_FGSC_A4:286433-287235	WT_5hasex	WT_veg	OK	24,6613	68,1584	1,46664	-2,51976	0,0117433	0,0591024	no
AN6406	ChrI_A_nidulans_FGSC_A4:285583-286166	WT_5hasex	WT_veg	OK	2,89929	6,41151	1,14497	-0,938564	0,347954	0,623645	no
AN6407	ChrI_A_nidulans_FGSC_A4:280393-282197	WT_5hasex	WT_veg	NOTEST	0,859957	0,398922	-1,10816	0,729222	0,465866	1	no
AN6408	ChrI_A_nidulans_FGSC_A4:279065-279642	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6409	ChrI_A_nidulans_FGSC_A4:277144-278674	WT_5hasex	WT_veg	OK	4,05899	2,10915	-0,94446	1,1482	0,250886	0,519528	no
AN6410	ChrI_A_nidulans_FGSC_A4:273440-276756	WT_5hasex	WT_veg	OK	2,58662	1,33344	-0,955918	1,21398	0,224755	0,486879	no
AN6411	ChrI_A_nidulans_FGSC_A4:270041-270536	WT_5hasex	WT_veg	OK	76,0531	213,964	1,49229	-2,52156	0,0116837	0,058893	no
AN6412	ChrI_A_nidulans_FGSC_A4:267478-269222	WT_5hasex	WT_veg	OK	133,334	428,135	1,68302	-3,11266	0,00185407	0,0131063	yes
AN6413	ChrI_A_nidulans_FGSC_A4:263852-265169	WT_5hasex	WT_veg	OK	10,6954	12,9077	0,271241	-0,379178	0,704555	0,872053	no
AN6415	ChrI_A_nidulans_FGSC_A4:256163-257635	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6416	ChrI_A_nidulans_FGSC_A4:255194-255674	WT_5hasex	WT_veg	NOTEST	0	1,87843	1.79769e+308	1.79769e+308	0,123323	1	no
AN6417	ChrI_A_nidulans_FGSC_A4:250828-253536	WT_5hasex	WT_veg	OK	5,96616	5,04908	-0,240782	0,350849	0,725702	0,883453	no
AN6418	ChrI_A_nidulans_FGSC_A4:247737-249559	WT_5hasex	WT_veg	OK	2,3776	4,87105	1,03473	-1,3271	0,184475	0,432858	no
AN6419	ChrI_A_nidulans_FGSC_A4:245715-246927	WT_5hasex	WT_veg	NOTEST	0,66174	2,25085	1,76613	-1,60831	0,107767	1	no
AN6420	ChrI_A_nidulans_FGSC_A4:242408-243275	WT_5hasex	WT_veg	OK	2,04001	6,19875	1,6034	-1,82808	0,0675374	0,219796	no
AN6421	ChrI_A_nidulans_FGSC_A4:238311-239085	WT_5hasex	WT_veg	NOTEST	0,252496	1,17723	2,22106	-1,14626	0,251686	1	no
AN6422	ChrI_A_nidulans_FGSC_A4:236546-237561	WT_5hasex	WT_veg	OK	4,66075	19,4548	2,06149	-2,85008	0,00437077	0,0266974	yes
AN6423	ChrI_A_nidulans_FGSC_A4:235404-236123	WT_5hasex	WT_veg	OK	565,56	780,955	0,46556	-0,776733	0,437316	0,702217	no
AN6424	ChrI_A_nidulans_FGSC_A4:234557-235316	WT_5hasex	WT_veg	OK	51,9645	55,2528	0,0885195	-0,162064	0,871256	0,950656	no
AN6426	ChrI_A_nidulans_FGSC_A4:229008-230268	WT_5hasex	WT_veg	OK	220,619	45,6754	-2,27207	4,50491	6,6401E-06	9,9729E-05	yes
AN6428	ChrI_A_nidulans_FGSC_A4:222916-223737	WT_5hasex	WT_veg	NOTEST	1,25583	1,23338	-0,0260336	0,01683	0,986572	1	no
AN6429	ChrI_A_nidulans_FGSC_A4:221235-222640	WT_5hasex	WT_veg	OK	2,29538	0,667982	-1,78085	1,16262	0,244984	0,512584	no
AN6430	ChrI_A_nidulans_FGSC_A4:218570-220905	WT_5hasex	WT_veg	OK	5,24909	7,45346	0,505842	-0,776684	0,437345	0,702217	no
AN6431	ChrI_A_nidulans_FGSC_A4:206270-214310	WT_5hasex	WT_veg	NOTEST	0,171107	0,102063	-0,745443	0,506798	0,612297	1	no
AN6432	ChrI_A_nidulans_FGSC_A4:204475-205690	WT_5hasex	WT_veg	NOTEST	0,144943	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN6433	ChrI_A_nidulans_FGSC_A4:200261-201979	WT_5hasex	WT_veg	NOTEST	1,34385	2,557	0,928079	-1,05079	0,293355	1	no
AN6435	ChrI_A_nidulans_FGSC_A4:195511-196533	WT_5hasex	WT_veg	NOTEST	0,888688	0,931324	0,0676066	-0,044059	0,964857	1	no
AN6436	ChrI_A_nidulans_FGSC_A4:188037-192285	WT_5hasex	WT_veg	NOTEST	1,4198	0,335199	-2,0826	2,01982	0,0434019	1	no
AN6437	ChrI_A_nidulans_FGSC_A4:185271-186313	WT_5hasex	WT_veg	OK	10,766	10,0421	-0,100419	0,153629	0,877902	0,9534	no
AN6438	ChrI_A_nidulans_FGSC_A4:176190-178571	WT_5hasex	WT_veg	OK	16,4742	32,7552	0,991514	-1,67343	0,0942431	0,27771	no
AN6439	ChrI_A_nidulans_FGSC_A4:174503-175633	WT_5hasex	WT_veg	OK	2,85079	4,53612	0,670098	-0,828319	0,40749	0,677817	no
AN6440	ChrI_A_nidulans_FGSC_A4:172566-173948	WT_5hasex	WT_veg	OK	8,29027	27,0836	1,70793	-2,71589	0,00660972	0,0374244	yes
AN6441	ChrI_A_nidulans_FGSC_A4:170813-171984	WT_5hasex	WT_veg	OK	18,3168	179,736	3,29464	-5,62976	1,8046E-08	4,9407E-07	yes
AN6443	ChrI_A_nidulans_FGSC_A4:159081-163453	WT_5hasex	WT_veg	OK	23,0562	44,48	0,948	-1,96095	0,0498845	0,177296	no
AN6444	ChrI_A_nidulans_FGSC_A4:155232-158463	WT_5hasex	WT_veg	NOTEST	0,215656	0,195057	-0,144842	0,0872848	0,930445	1	no
AN6445	ChrI_A_nidulans_FGSC_A4:152598-154597	WT_5hasex	WT_veg	NOTEST	0,75717	0,438549	-0,78788	0,536881	0,59135	1	no
AN6446	ChrI_A_nidulans_FGSC_A4:150481-151771	WT_5hasex	WT_veg	NOTEST	0,221048	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN6447	ChrI_A_nidulans_FGSC_A4:147469-149793	WT_5hasex	WT_veg	NOTEST	0,139359	1,64829	3,56409	-1,67967	0,093021	1	no
AN6448	ChrI_A_nidulans_FGSC_A4:139084-146905	WT_5hasex	WT_veg	NOTEST	0,0523149	0,0801571	0,61561	-0,341791	0,732508	1	no
AN6450	ChrI_A_nidulans_FGSC_A4:131393-132282	WT_5hasex	WT_veg	OK	8,85246	11,9569	0,433692	-0,598774	0,549323	0,781645	no
AN6451	ChrI_A_nidulans_FGSC_A4:128976-130849	WT_5hasex	WT_veg	NOTEST	0,879658	1,51916	0,788257	-0,78879	0,430235	1	no
AN6452	ChrI_A_nidulans_FGSC_A4:126549-128898	WT_5hasex	WT_veg	NOTEST	0,0906235	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN6453	ChrI_A_nidulans_FGSC_A4:124952-126190	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6454	ChrI_A_nidulans_FGSC_A4:121124-124524	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6455	ChrI_A_nidulans_FGSC_A4:118208-119247	WT_5hasex	WT_veg	OK	5,58561	22,1939	1,99038	-2,41771	0,0156187	0,0737343	no
AN6456	ChrI_A_nidulans_FGSC_A4:116345-117392	WT_5hasex	WT_veg	NOTEST	0,910267	0	-1.79769e+308	-1.79769e+308	0,0399057	1	no
AN6457	ChrI_A_nidulans_FGSC_A4:113731-114706	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6458	ChrI_A_nidulans_FGSC_A4:110528-111748	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6459	ChrI_A_nidulans_FGSC_A4:108056-110040	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6460	ChrI_A_nidulans_FGSC_A4:103139-104328	WT_5hasex	WT_veg	OK	154,156	306,666	0,992272	-1,99188	0,0463843	0,168396	no
AN6461	ChrI_A_nidulans_FGSC_A4:100207-102090	WT_5hasex	WT_veg	NOTEST	1,404	0,505403	-1,47404	1,02097	0,307269	1	no

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AN6462	ChrI_A_nidulans_FGSC_A4:98010-99486	WT_5hasex	WT_veg	NOTEST	0,156611	0,640622	2,03229	-0,854907	0,392602	1	no
AN6463	ChrI_A_nidulans_FGSC_A4:90323-91145	WT_5hasex	WT_veg	NOTEST	1,31467	1,02754	-0,355508	0,23795	0,811919	1	no
AN6464	ChrI_A_nidulans_FGSC_A4:80851-83958	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6465	ChrI_A_nidulans_FGSC_A4:78099-80382	WT_5hasex	WT_veg	NOTEST	0	0,228981	1.79769e+308	1.79769e+308	0,309884	1	no
AN6468	ChrI_A_nidulans_FGSC_A4:61077-64006	WT_5hasex	WT_veg	OK	4,28662	7,22699	0,753557	-1,09559	0,273257	0,545972	no
AN6469	ChrI_A_nidulans_FGSC_A4:57878-59853	WT_5hasex	WT_veg	OK	4,74523	1,94065	-1,28994	1,44965	0,147157	0,374602	no
AN6470	ChrI_A_nidulans_FGSC_A4:51785-52573	WT_5hasex	WT_veg	OK	33,694	2,59798	-3,69703	4,10397	4,0612E-05	0,00049969	yes
AN6471	ChrI_A_nidulans_FGSC_A4:49803-50534	WT_5hasex	WT_veg	OK	33,5418	52,2361	0,63909	-1,1212	0,262203	0,532915	no
AN6473	ChrI_A_nidulans_FGSC_A4:41136-44634	WT_5hasex	WT_veg	OK	1,22586	4,11812	1,74819	-2,26545	0,0234853	0,100619	no
AN6476	ChrI_A_nidulans_FGSC_A4:30913-31619	WT_5hasex	WT_veg	OK	3,13052	0	-1.79769e+308	-1.79769e+308	0,0302385	0,122039	no
AN6477	ChrI_A_nidulans_FGSC_A4:24752-26659	WT_5hasex	WT_veg	OK	110,534	4,10222	-4,75194	7,40241	1,3367E-13	8,3488E-12	yes
AN6478	ChrI_A_nidulans_FGSC_A4:22400-23183	WT_5hasex	WT_veg	OK	1,67387	18,3353	3,45337	-3,39372	0,0006895	0,00572054	yes
AN6479	ChrI_A_nidulans_FGSC_A4:20195-22128	WT_5hasex	WT_veg	NOTEST	1,7138	3,65186	1,09144	-1,24465	0,213259	1	no
AN6480	ChrI_A_nidulans_FGSC_A4:18984-20040	WT_5hasex	WT_veg	OK	2,62852	8,4525	1,68513	-1,93307	0,0532282	0,185469	no
AN6481	ChrI_A_nidulans_FGSC_A4:16397-18782	WT_5hasex	WT_veg	OK	2,5895	6,71543	1,37481	-1,71803	0,0857909	0,260525	no
AN6482	ChrI_A_nidulans_FGSC_A4:15220-16233	WT_5hasex	WT_veg	NOTEST	0,448628	1,84274	2,03826	-1,41001	0,158537	1	no
AN6484	ChrI_A_nidulans_FGSC_A4:8571-10058	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6487	ChrI_A_nidulans_FGSC_A4:2271771-2273479	WT_5hasex	WT_veg	OK	186,921	167,249	-0,160435	0,313821	0,753657	0,897673	no
AN6488	ChrI_A_nidulans_FGSC_A4:2274285-2275804	WT_5hasex	WT_veg	OK	60,3157	150,732	1,32138	-2,71762	0,00657539	0,0372703	yes
AN6489	ChrI_A_nidulans_FGSC_A4:2276158-2277277	WT_5hasex	WT_veg	OK	103,574	263,945	1,34957	-2,79139	0,00524825	0,0309253	yes
AN6490	ChrI_A_nidulans_FGSC_A4:2277390-2280158	WT_5hasex	WT_veg	OK	112,498	306,462	1,4458	-2,88472	0,00391757	0,0243724	yes
AN6491	ChrI_A_nidulans_FGSC_A4:2277390-2280158	WT_5hasex	WT_veg	OK	59,5102	657,127	3,46496	-6,87679	6,1216E-12	3,0464E-10	yes
AN6493	ChrI_A_nidulans_FGSC_A4:2280414-2284598	WT_5hasex	WT_veg	OK	55,2984	74,0557	0,421371	-0,859192	0,390234	0,663543	no
AN6494	ChrI_A_nidulans_FGSC_A4:2285838-2288561	WT_5hasex	WT_veg	OK	3,15858	2,69178	-0,230716	0,317747	0,750677	0,896038	no
AN6495	ChrI_A_nidulans_FGSC_A4:2289312-2290151	WT_5hasex	WT_veg	OK	22,9505	78,9669	1,78272	-3,10971	0,0018727	0,0132041	yes
AN6496	ChrI_A_nidulans_FGSC_A4:2290186-2293082	WT_5hasex	WT_veg	OK	23,5872	50,2714	1,09173	-2,17889	0,0293399	0,119267	no
AN6497	ChrI_A_nidulans_FGSC_A4:2293535-2294109	WT_5hasex	WT_veg	OK	69,0545	409,12	2,56672	-4,7963	1,6163E-06	2,8373E-05	yes
AN6500	ChrI_A_nidulans_FGSC_A4:2300285-2301348	WT_5hasex	WT_veg	OK	1766,18	2062,56	0,223802	-0,36486	0,715216	0,877679	no
AN6501	ChrI_A_nidulans_FGSC_A4:2302666-2303830	WT_5hasex	WT_veg	OK	42,614	79,7103	0,903441	-1,80383	0,0712582	0,228361	no
AN6503	ChrI_A_nidulans_FGSC_A4:2306567-2308118	WT_5hasex	WT_veg	OK	100,614	145,587	0,533046	-1,02781	0,304041	0,580076	no
AN6504	ChrI_A_nidulans_FGSC_A4:2312499-2312817	WT_5hasex	WT_veg	OK	2,53906	13,6077	2,42205	-2,20473	0,0274731	0,113331	no
AN6506	ChrI_A_nidulans_FGSC_A4:2316941-2318172	WT_5hasex	WT_veg	OK	163,869	392,105	1,2587	-2,59577	0,0094378	0,0497643	yes
AN6507	ChrI_A_nidulans_FGSC_A4:2318732-2321809	WT_5hasex	WT_veg	OK	46,7376	85,9435	0,878803	-1,82681	0,0677277	0,220234	no
AN6508	ChrI_A_nidulans_FGSC_A4:2322368-2324513	WT_5hasex	WT_veg	OK	136,675	229,393	0,747077	-1,49892	0,133893	0,352382	no
AN6509	ChrI_A_nidulans_FGSC_A4:2330468-2331302	WT_5hasex	WT_veg	OK	8,71277	12,614	0,533826	-0,620422	0,53498	0,772628	no
AN6510	ChrI_A_nidulans_FGSC_A4:2331317-2333269	WT_5hasex	WT_veg	OK	153,247	490,701	1,67898	-3,34285	0,00082924	0,00669547	yes
AN6512	ChrI_A_nidulans_FGSC_A4:2339888-2340822	WT_5hasex	WT_veg	OK	65,0738	147,331	1,17891	-2,39714	0,0165238	0,0770654	no
AN6513	ChrI_A_nidulans_FGSC_A4:2341098-2342545	WT_5hasex	WT_veg	OK	14,3551	42,2113	1,55607	-2,78725	0,00531573	0,0312457	yes
AN6514	ChrI_A_nidulans_FGSC_A4:2342937-2344524	WT_5hasex	WT_veg	OK	17,4042	46,2299	1,40939	-2,50014	0,0124144	0,0617854	no
AN6515	ChrI_A_nidulans_FGSC_A4:2344862-2347026	WT_5hasex	WT_veg	OK	61,9758	132,011	1,09088	-2,25498	0,0241344	0,102622	no
AN6516	ChrI_A_nidulans_FGSC_A4:2344862-2347026	WT_5hasex	WT_veg	OK	16,0715	33,2414	1,04847	-1,66943	0,0950314	0,27928	no
AN6517	ChrI_A_nidulans_FGSC_A4:2347240-2348507	WT_5hasex	WT_veg	OK	44,6227	65,6694	0,557444	-1,11948	0,262938	0,533759	no
AN6518	ChrI_A_nidulans_FGSC_A4:2348839-2349934	WT_5hasex	WT_veg	OK	144,224	108,883	-0,405525	0,621023	0,534585	0,772628	no
AN6520	ChrI_A_nidulans_FGSC_A4:2355309-2356519	WT_5hasex	WT_veg	OK	25,6908	30,0827	0,227681	-0,422088	0,672961	0,854069	no
AN6522	ChrI_A_nidulans_FGSC_A4:2360631-2362546	WT_5hasex	WT_veg	OK	21,7199	22,7922	0,0695214	-0,137228	0,890851	0,95862	no
AN6524	ChrI_A_nidulans_FGSC_A4:2369260-2369772	WT_5hasex	WT_veg	OK	208,704	311,246	0,576602	-1,17676	0,239292	0,505091	no
AN6526	ChrI_A_nidulans_FGSC_A4:2373213-2376238	WT_5hasex	WT_veg	OK	28,8318	26,2294	-0,136481	0,281709	0,778167	0,909238	no
AN6527	ChrI_A_nidulans_FGSC_A4:2376731-2377716	WT_5hasex	WT_veg	OK	42,8092	86,6259	1,01688	-1,98385	0,0472721	0,170791	no
AN6528	ChrI_A_nidulans_FGSC_A4:2377944-2379744	WT_5hasex	WT_veg	OK	18,1093	17,7828	-0,0262505	0,0485105	0,961309	0,985743	no
AN6529	ChrI_A_nidulans_FGSC_A4:2381906-2384115	WT_5hasex	WT_veg	OK	5,4549	19,4965	1,83759	-2,93033	0,00338607	0,0216466	yes
AN6530	ChrI_A_nidulans_FGSC_A4:2385150-2387049	WT_5hasex	WT_veg	OK	62,6451	112,416	0,843579	-1,75876	0,0786176	0,244799	no
AN6532	ChrI_A_nidulans_FGSC_A4:2389577-2390756	WT_5hasex	WT_veg	OK	19,1074	23,4196	0,293584	-0,502755	0,615136	0,82197	no
AN6534	ChrI_A_nidulans_FGSC_A4:2400718-2402653	WT_5hasex	WT_veg	OK	54,0207	105,581	0,966765	-2,01377	0,044034	0,161826	no

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AN6535	ChrI_A_nidulans_FGSC_A4:2403114-2403821	WT_5hasex	WT_veg	OK	69,7433	126,373	0,857564	-1,69745	0,089612	0,26838	no
AN6537	ChrI_A_nidulans_FGSC_A4:2405111-2405919	WT_5hasex	WT_veg	OK	44,964	256,243	2,51067	-4,78276	1,7291E-06	3,0122E-05	yes
AN6538	ChrI_A_nidulans_FGSC_A4:2407856-2412034	WT_5hasex	WT_veg	OK	36,4442	65,7187	0,850613	-1,76459	0,0776332	0,24758	no
AN6540	ChrI_A_nidulans_FGSC_A4:2412701-2415128	WT_5hasex	WT_veg	OK	11,8786	49,0515	2,04594	-3,81822	0,00013442	0,00142038	yes
AN6541	ChrI_A_nidulans_FGSC_A4:2415382-2418260	WT_5hasex	WT_veg	OK	20,7136	42,2935	1,02986	-2,0028	0,0451992	0,165089	no
AN6543	ChrI_A_nidulans_FGSC_A4:2422438-2423677	WT_5hasex	WT_veg	OK	193,835	445,529	1,20069	-2,29948	0,0214778	0,0940745	no
AN6544	ChrI_A_nidulans_FGSC_A4:2423794-2424529	WT_5hasex	WT_veg	OK	97,6787	166,561	0,769931	-1,52871	0,126337	0,33874	no
AN6545	ChrI_A_nidulans_FGSC_A4:2424775-2426354	WT_5hasex	WT_veg	OK	9,97091	12,4956	0,325618	-0,546827	0,584498	0,803886	no
AN6546	ChrI_A_nidulans_FGSC_A4:2426576-2427594	WT_5hasex	WT_veg	OK	126,571	124,709	-0,0213884	0,0435028	0,965301	0,987321	no
AN6547	ChrI_A_nidulans_FGSC_A4:2427753-2428878	WT_5hasex	WT_veg	OK	324,829	462,379	0,509397	-1,01502	0,310095	0,586523	no
AN6548	ChrI_A_nidulans_FGSC_A4:2428984-2429957	WT_5hasex	WT_veg	OK	39,2496	104,696	1,41545	-2,6172	0,0088655	0,0473954	yes
AN6549	ChrI_A_nidulans_FGSC_A4:2430228-2431333	WT_5hasex	WT_veg	OK	38,3468	78,2193	1,02842	-2,00867	0,0445725	0,163448	no
AN6551	ChrI_A_nidulans_FGSC_A4:2434771-2440388	WT_5hasex	WT_veg	OK	19,8116	37,4116	0,917142	-1,84605	0,0648852	0,213682	no
AN6552	ChrI_A_nidulans_FGSC_A4:2442843-2444289	WT_5hasex	WT_veg	OK	14,2636	11,7479	-0,279933	0,486522	0,626597	0,828286	no
AN6553	ChrI_A_nidulans_FGSC_A4:2444317-2447599	WT_5hasex	WT_veg	OK	18,2818	25,8206	0,498115	-0,997811	0,318371	0,594367	no
AN6554	ChrI_A_nidulans_FGSC_A4:2448438-2449066	WT_5hasex	WT_veg	OK	14,1505	20,1742	0,511662	-0,763501	0,445165	0,708548	no
AN6555	ChrI_A_nidulans_FGSC_A4:2450022-2451653	WT_5hasex	WT_veg	OK	22,4367	22,3414	-0,00614123	0,0112125	0,991054	0,99676	no
AN6556	ChrI_A_nidulans_FGSC_A4:2451840-2452516	WT_5hasex	WT_veg	OK	23,1396	109,233	2,23897	-3,63965	0,00027301	0,0026016	yes
AN6557	ChrI_A_nidulans_FGSC_A4:2452789-2453811	WT_5hasex	WT_veg	OK	206,309	283,772	0,459928	-0,952276	0,340957	0,616591	no
AN6558	ChrI_A_nidulans_FGSC_A4:2454137-2454829	WT_5hasex	WT_veg	OK	22,6043	111,465	2,30193	-3,60509	0,00031205	0,00291685	yes
AN6559	ChrI_A_nidulans_FGSC_A4:2455247-2456912	WT_5hasex	WT_veg	OK	14,0709	23,236	0,723648	-1,32198	0,186175	0,435255	no
AN6560	ChrI_A_nidulans_FGSC_A4:2459786-2461457	WT_5hasex	WT_veg	OK	59,5349	113,245	0,927644	-1,8768	0,0605456	0,203627	no
AN6561	ChrI_A_nidulans_FGSC_A4:2462125-2463264	WT_5hasex	WT_veg	OK	15,0495	75,301	2,32295	-3,97006	7,1853E-05	0,00082211	yes
AN6562	ChrI_A_nidulans_FGSC_A4:2463800-2465660	WT_5hasex	WT_veg	OK	6,53769	27,2331	2,05851	-3,403	0,00066649	0,00555344	yes
AN6563	ChrI_A_nidulans_FGSC_A4:2466372-2468088	WT_5hasex	WT_veg	OK	604,816	1301,38	1,10547	-1,98156	0,047528	0,171485	no
AN6564	ChrI_A_nidulans_FGSC_A4:2468290-2469401	WT_5hasex	WT_veg	OK	84,6383	157,801	0,898722	-1,84601	0,0648913	0,213689	no
AN6565	ChrI_A_nidulans_FGSC_A4:2473148-2474359	WT_5hasex	WT_veg	OK	52,6491	43,3376	-0,28079	0,530096	0,596046	0,810704	no
AN6566	ChrI_A_nidulans_FGSC_A4:2475863-2476975	WT_5hasex	WT_veg	OK	130,528	192,423	0,559922	-1,13905	0,254681	0,523927	no
AN6567	ChrI_A_nidulans_FGSC_A4:2477417-2479369	WT_5hasex	WT_veg	OK	29,501	64,0785	1,11907	-2,27325	0,0230111	0,0990331	no
AN6568	ChrI_A_nidulans_FGSC_A4:2479879-2481585	WT_5hasex	WT_veg	OK	17,3685	21,5669	0,312343	-0,569245	0,56919	0,794658	no
AN6569	ChrI_A_nidulans_FGSC_A4:2482045-2483203	WT_5hasex	WT_veg	OK	14,0385	25,2674	0,847888	-1,44564	0,148277	0,375999	no
AN6570	ChrI_A_nidulans_FGSC_A4:2483879-2485345	WT_5hasex	WT_veg	OK	26,8777	28,2739	0,0730619	-0,139152	0,88933	0,958134	no
AN6571	ChrI_A_nidulans_FGSC_A4:2487389-2489020	WT_5hasex	WT_veg	OK	11,184	46,274	2,04876	-3,58092	0,00034238	0,0031493	yes
AN6572	ChrI_A_nidulans_FGSC_A4:2489120-2491632	WT_5hasex	WT_veg	OK	27,7021	33,7672	0,285624	-0,548262	0,583512	0,803374	no
AN6573	ChrI_A_nidulans_FGSC_A4:2491872-2492873	WT_5hasex	WT_veg	OK	20,8343	21,4108	0,0393771	-0,0646219	0,948475	0,980963	no
AN6574	ChrI_A_nidulans_FGSC_A4:2493385-2495920	WT_5hasex	WT_veg	OK	27,5326	87,401	1,66651	-3,41552	0,00063661	0,00534612	yes
AN6575	ChrI_A_nidulans_FGSC_A4:2496091-2498141	WT_5hasex	WT_veg	OK	17,5953	36,9999	1,07233	-2,10706	0,0351126	0,136862	no
AN6576	ChrI_A_nidulans_FGSC_A4:2501190-2501908	WT_5hasex	WT_veg	OK	120,241	328,363	1,44936	-2,97789	0,0029024	0,0190091	yes
AN6577	ChrI_A_nidulans_FGSC_A4:2504203-2506610	WT_5hasex	WT_veg	OK	14,2061	43,5079	1,61477	-3,11841	0,00181829	0,0128812	yes
AN6578	ChrI_A_nidulans_FGSC_A4:2514437-2515868	WT_5hasex	WT_veg	OK	39,2244	62,6099	0,674638	-1,32204	0,186155	0,435241	no
AN6579	ChrI_A_nidulans_FGSC_A4:2518005-2519465	WT_5hasex	WT_veg	OK	10,665	4,49964	-1,245	1,89736	0,057781	0,196639	no
AN6580	ChrI_A_nidulans_FGSC_A4:2520417-2521766	WT_5hasex	WT_veg	OK	9,32476	20,5084	1,13707	-1,80109	0,0716892	0,229322	no
AN6581	ChrI_A_nidulans_FGSC_A4:2523954-2528508	WT_5hasex	WT_veg	OK	8,28635	22,3886	1,43396	-2,82625	0,00470962	0,0283573	yes
AN6582	ChrI_A_nidulans_FGSC_A4:2528965-2531277	WT_5hasex	WT_veg	OK	2,2983	5,29535	1,20416	-1,53108	0,12575	0,3377	no
AN6583	ChrI_A_nidulans_FGSC_A4:2531405-2533758	WT_5hasex	WT_veg	OK	11,1467	23,9789	1,10514	-1,99953	0,0455505	0,166025	no
AN6584	ChrI_A_nidulans_FGSC_A4:2535503-2536015	WT_5hasex	WT_veg	OK	15,6831	12,8653	-0,285728	0,393097	0,694248	0,866148	no
AN6585	ChrI_A_nidulans_FGSC_A4:2536299-2540026	WT_5hasex	WT_veg	OK	4,61969	24,3536	2,39827	-4,17569	2,9708E-05	0,00038063	yes
AN6586	ChrI_A_nidulans_FGSC_A4:2540197-2540815	WT_5hasex	WT_veg	OK	23,648	91,9342	1,95888	-3,37767	0,00073103	0,00601371	yes
AN6587	ChrI_A_nidulans_FGSC_A4:2541767-2544639	WT_5hasex	WT_veg	OK	15,5305	40,0885	1,36809	-2,58162	0,00983375	0,0513921	no
AN6588	ChrI_A_nidulans_FGSC_A4:2551250-2552868	WT_5hasex	WT_veg	OK	353,193	914,443	1,37244	-2,5327	0,0113187	0,0574342	no
AN6589	ChrI_A_nidulans_FGSC_A4:2553536-2556874	WT_5hasex	WT_veg	OK	13,2363	15,7098	0,247161	-0,496001	0,619894	0,824371	no
AN6590	ChrI_A_nidulans_FGSC_A4:2557766-2562479	WT_5hasex	WT_veg	OK	20,9652	71,9259	1,77851	-3,68373	0,00022985	0,00224624	yes
AN6592	ChrI_A_nidulans_FGSC_A4:2568381-2568797	WT_5hasex	WT_veg	OK	19,1264	44,8227	1,22866	-1,78693	0,0739487	0,234265	no

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AN6593	ChrI_A_nidulans_FGSC_A4:2569498-2569894	WT_5hasex	WT_veg	OK	89,4359	105,761	0,241889	-0,441177	0,659085	0,8464	no
AN6594	ChrI_A_nidulans_FGSC_A4:2570316-2571599	WT_5hasex	WT_veg	OK	19,4633	61,8612	1,66828	-3,05731	0,00223337	0,0153134	yes
AN6596	ChrI_A_nidulans_FGSC_A4:2575713-2578203	WT_5hasex	WT_veg	OK	47,2671	56,2579	0,251221	-0,506905	0,612222	0,82025	no
AN6597	ChrI_A_nidulans_FGSC_A4:2578473-2579896	WT_5hasex	WT_veg	OK	37,4153	143,65	1,94086	-3,81025	0,00013882	0,00145668	yes
AN6598	ChrI_A_nidulans_FGSC_A4:2580338-2586754	WT_5hasex	WT_veg	OK	11,8304	12,0264	0,0236996	-0,0482327	0,961531	0,985849	no
AN6599	ChrI_A_nidulans_FGSC_A4:2586984-2587873	WT_5hasex	WT_veg	OK	25,471	31,332	0,298782	-0,523143	0,600875	0,813741	no
AN6600	ChrI_A_nidulans_FGSC_A4:2588055-2590384	WT_5hasex	WT_veg	OK	7,33167	9,87972	0,430329	-0,723405	0,469431	0,727694	no
AN6601	ChrI_A_nidulans_FGSC_A4:2590989-2593061	WT_5hasex	WT_veg	OK	59,9042	157,512	1,39474	-2,91919	0,00350944	0,0223101	yes
AN6602	ChrI_A_nidulans_FGSC_A4:2593256-2596576	WT_5hasex	WT_veg	OK	29,5956	37,5339	0,342812	-0,664693	0,506247	0,753918	no
AN6603	ChrI_A_nidulans_FGSC_A4:2593256-2596576	WT_5hasex	WT_veg	OK	25,2652	43,0105	0,767537	-1,49598	0,134658	0,353649	no
AN6604	ChrI_A_nidulans_FGSC_A4:2597921-2599094	WT_5hasex	WT_veg	OK	6,52772	12,9091	0,983736	-1,44953	0,147191	0,37464	no
AN6606	ChrI_A_nidulans_FGSC_A4:2604065-2606950	WT_5hasex	WT_veg	OK	23,8859	24,6381	0,0447361	-0,0915552	0,927051	0,972423	no
AN6607	ChrI_A_nidulans_FGSC_A4:2607311-2607785	WT_5hasex	WT_veg	OK	19,432	61,1094	1,65296	-2,53932	0,0111069	0,056595	no
AN6608	ChrI_A_nidulans_FGSC_A4:2608239-2611510	WT_5hasex	WT_veg	OK	17,3248	35,2231	1,02368	-2,0528	0,0400919	0,151013	no
AN6609	ChrI_A_nidulans_FGSC_A4:2611670-2613533	WT_5hasex	WT_veg	OK	52,558	37,7165	-0,478717	0,978567	0,327794	0,604188	no
AN6610	ChrI_A_nidulans_FGSC_A4:2614730-2615618	WT_5hasex	WT_veg	OK	42,2963	24,1194	-0,810337	1,46313	0,143432	0,368456	no
AN6611	ChrI_A_nidulans_FGSC_A4:2617625-2621029	WT_5hasex	WT_veg	OK	36,1821	53,8893	0,574725	-1,18644	0,23545	0,500753	no
AN6612	ChrI_A_nidulans_FGSC_A4:2621274-2622354	WT_5hasex	WT_veg	OK	24,8371	185,158	2,89819	-5,17938	2,2262E-07	4,7968E-06	yes
AN6613	ChrI_A_nidulans_FGSC_A4:2622744-2624042	WT_5hasex	WT_veg	OK	34,8763	56,4527	0,694793	-1,28061	0,20033	0,454958	no
AN6614	ChrI_A_nidulans_FGSC_A4:2624600-2628452	WT_5hasex	WT_veg	OK	23,9698	41,5119	0,792308	-1,64903	0,0991416	0,287569	no
AN6615	ChrI_A_nidulans_FGSC_A4:2629055-2634845	WT_5hasex	WT_veg	OK	14,3034	22,8724	0,677251	-1,42562	0,153978	0,385623	no
AN6617	ChrI_A_nidulans_FGSC_A4:2638517-2642000	WT_5hasex	WT_veg	OK	5,20392	10,1329	0,961379	-1,67431	0,0940705	0,277311	no
AN6618	ChrI_A_nidulans_FGSC_A4:2642349-2645419	WT_5hasex	WT_veg	OK	56,5507	126,624	1,16293	-2,41208	0,0158619	0,0746885	no
AN6620	ChrI_A_nidulans_FGSC_A4:2652199-2653425	WT_5hasex	WT_veg	OK	18,4144	13,1288	-0,488097	0,805093	0,420766	0,688941	no
AN6621	ChrI_A_nidulans_FGSC_A4:2653530-2654967	WT_5hasex	WT_veg	OK	22,0718	25,328	0,198529	-0,36924	0,711949	0,876182	no
AN6622	ChrI_A_nidulans_FGSC_A4:2655700-2656978	WT_5hasex	WT_veg	OK	4,6895	11,1195	1,24558	-1,75834	0,0786902	0,244923	no
AN6623	ChrI_A_nidulans_FGSC_A4:2658410-2660188	WT_5hasex	WT_veg	OK	42,983	96,9386	1,1733	-2,3968	0,0165388	0,0771185	no
AN6624	ChrI_A_nidulans_FGSC_A4:2661085-2665137	WT_5hasex	WT_veg	OK	21,7756	10,0768	-1,11168	1,77427	0,076018	0,239079	no
AN6625	ChrI_A_nidulans_FGSC_A4:2666534-2670002	WT_5hasex	WT_veg	OK	9,65634	17,1993	0,832802	-1,49565	0,134745	0,35377	no
AN6626	ChrI_A_nidulans_FGSC_A4:2671838-2672729	WT_5hasex	WT_veg	OK	8,89939	12,13	0,446798	-0,598173	0,549724	0,781941	no
AN6627	ChrI_A_nidulans_FGSC_A4:2673225-2675317	WT_5hasex	WT_veg	OK	44,6175	90,3421	1,01779	-2,10859	0,0349799	0,136477	no
AN6628	ChrI_A_nidulans_FGSC_A4:2675459-2676760	WT_5hasex	WT_veg	OK	30,351	72,4646	1,25553	-2,40341	0,016243	0,0761124	no
AN6629	ChrI_A_nidulans_FGSC_A4:2677993-2679141	WT_5hasex	WT_veg	OK	893,264	1255,71	0,491348	-0,851201	0,394658	0,667663	no
AN6630	ChrI_A_nidulans_FGSC_A4:2679303-2680503	WT_5hasex	WT_veg	OK	481,883	729,009	0,597253	-1,09769	0,272342	0,544876	no
AN6631	ChrI_A_nidulans_FGSC_A4:2680711-2681635	WT_5hasex	WT_veg	OK	569,808	1158,83	1,02413	-1,99706	0,045819	0,166818	no
AN6632	ChrI_A_nidulans_FGSC_A4:2682286-2683080	WT_5hasex	WT_veg	OK	1341,16	2011,53	0,584811	-1,0637	0,287465	0,561723	no
AN6633	ChrI_A_nidulans_FGSC_A4:2683974-2684394	WT_5hasex	WT_veg	OK	497,524	5549,39	3,47949	-7,00134	2,5353E-12	1,3286E-10	yes
AN6634	ChrI_A_nidulans_FGSC_A4:2685202-2686534	WT_5hasex	WT_veg	OK	10,6942	93,7242	3,1316	-5,32536	1,0076E-07	2,3445E-06	yes
AN6636	ChrI_A_nidulans_FGSC_A4:2689122-2691312	WT_5hasex	WT_veg	OK	71,8292	153,91	1,09944	-2,27653	0,0228141	0,0983704	no
AN6640	ChrI_A_nidulans_FGSC_A4:2701688-2703141	WT_5hasex	WT_veg	OK	18,8316	36,4393	0,952343	-1,63874	0,101267	0,292101	no
AN6641	ChrI_A_nidulans_FGSC_A4:2704645-2706304	WT_5hasex	WT_veg	NOTEST	1,10725	2,43439	1,13658	-1,0154	0,309915	1	no
AN6646	ChrI_A_nidulans_FGSC_A4:2721339-2722272	WT_5hasex	WT_veg	OK	38,0562	102,564	1,43032	-2,76776	0,00564428	0,0328198	yes
AN6647	ChrI_A_nidulans_FGSC_A4:2722609-2723978	WT_5hasex	WT_veg	OK	5,77946	14,1712	1,29396	-1,91072	0,0560401	0,192376	no
AN6648	ChrI_A_nidulans_FGSC_A4:2727636-2728907	WT_5hasex	WT_veg	OK	11,3405	6,53235	-0,795806	1,16566	0,243754	0,511091	no
AN6651	ChrI_A_nidulans_FGSC_A4:2734372-2738239	WT_5hasex	WT_veg	OK	20,4876	196,855	3,26431	-6,72893	1,7092E-11	7,8434E-10	yes
AN6654	ChrI_A_nidulans_FGSC_A4:2744973-2746609	WT_5hasex	WT_veg	OK	60,3247	70,7598	0,23018	-0,462523	0,643706	0,838029	no
AN6657	ChrI_A_nidulans_FGSC_A4:2751297-2751944	WT_5hasex	WT_veg	OK	2246,93	516,92	-2,11994	3,54421	0,00039379	0,0035474	yes
AN6658	ChrI_A_nidulans_FGSC_A4:2752523-2754446	WT_5hasex	WT_veg	OK	17,8092	24,6585	0,469462	-0,85853	0,3906	0,663843	no
AN6659	ChrI_A_nidulans_FGSC_A4:2757462-2758460	WT_5hasex	WT_veg	OK	7,10283	22,8572	1,68618	-2,21537	0,0267344	0,111	no
AN6660	ChrI_A_nidulans_FGSC_A4:2760230-2760725	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6661	ChrI_A_nidulans_FGSC_A4:2763754-2765088	WT_5hasex	WT_veg	NOTEST	0,486433	1,30825	1,42733	-0,785984	0,431877	1	no
AN6663	ChrI_A_nidulans_FGSC_A4:2771878-2774120	WT_5hasex	WT_veg	NOTEST	1,55228	2,97702	0,939481	-1,1873	0,235108	1	no
AN6664	ChrI_A_nidulans_FGSC_A4:2776400-2777873	WT_5hasex	WT_veg	OK	2,64377	1,04772	-1,33534	1,22653	0,219999	0,481333	no

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AN6665	ChrI_A_nidulans_FGSC_A4:2780028-2780585	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6666	ChrI_A_nidulans_FGSC_A4:2781466-2782228	WT_5hasex	WT_veg	OK	1,31656	5,18487	1,97753	-2,10093	0,035647	0,138547	no
AN6667	ChrI_A_nidulans_FGSC_A4:2782718-2784839	WT_5hasex	WT_veg	NOTEST	1,52064	3,63748	1,25826	-1,59498	0,110717	0,110717	no
AN6668	ChrI_A_nidulans_FGSC_A4:2785296-2786471	WT_5hasex	WT_veg	OK	0,958339	6,06704	2,66238	-2,75349	0,00589642	0,0339916	yes
AN6669	ChrI_A_nidulans_FGSC_A4:2786973-2788951	WT_5hasex	WT_veg	OK	7,19892	18,1872	1,33707	-2,21201	0,0269657	0,111687	no
AN6670	ChrI_A_nidulans_FGSC_A4:2795200-2796409	WT_5hasex	WT_veg	NOTEST	0,666144	0	-1.79769e+308	-1.79769e+308	0,0908325	0,0908325	1 no
AN6671	ChrI_A_nidulans_FGSC_A4:2797698-2798326	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6672	ChrI_A_nidulans_FGSC_A4:2800567-2801072	WT_5hasex	WT_veg	NOTEST	0,459654	2,61541	2,50842	-1,40756	0,159262	0,159262	1 no
AN6674	ChrI_A_nidulans_FGSC_A4:2808301-2808972	WT_5hasex	WT_veg	OK	66,2962	101,141	0,609365	-1,10999	0,267005	0,538657	no
AN6675	ChrI_A_nidulans_FGSC_A4:2809448-2813017	WT_5hasex	WT_veg	OK	32,1864	37,3372	0,214164	-0,445103	0,656245	0,845156	no
AN6676	ChrI_A_nidulans_FGSC_A4:2813445-2815674	WT_5hasex	WT_veg	OK	49,1991	155,853	1,66348	-3,40582	0,00065966	0,00550609	yes
AN6677	ChrI_A_nidulans_FGSC_A4:2815944-2817077	WT_5hasex	WT_veg	OK	33,2145	65,4976	0,97963	-1,84472	0,0650786	0,214064	no
AN6678	ChrI_A_nidulans_FGSC_A4:2817518-2820136	WT_5hasex	WT_veg	OK	4,3292	7,61228	0,81423	-1,26147	0,207138	0,464277	no
AN6679	ChrI_A_nidulans_FGSC_A4:2820277-2821489	WT_5hasex	WT_veg	OK	1435,36	1784,7	0,314268	-0,535275	0,59246	0,808323	no
AN6681	ChrI_A_nidulans_FGSC_A4:2830971-2833281	WT_5hasex	WT_veg	OK	82,4813	179,546	1,12221	-2,31099	0,0208336	0,0919811	no
AN6682	ChrI_A_nidulans_FGSC_A4:2833494-2834828	WT_5hasex	WT_veg	OK	8,1962	15,4318	0,912876	-1,45758	0,144957	0,370899	no
AN6683	ChrI_A_nidulans_FGSC_A4:2835703-2837560	WT_5hasex	WT_veg	OK	4,13878	2,38503	-0,795196	1,03933	0,298652	0,574058	no
AN6684	ChrI_A_nidulans_FGSC_A4:2838261-2840765	WT_5hasex	WT_veg	OK	10,5705	17,2456	0,706182	-1,28226	0,199752	0,453979	no
AN6685	ChrI_A_nidulans_FGSC_A4:2841397-2845476	WT_5hasex	WT_veg	OK	81,4618	153,869	0,917503	-1,80456	0,0711438	0,228115	no
AN6686	ChrI_A_nidulans_FGSC_A4:2847770-2848978	WT_5hasex	WT_veg	OK	6,62916	7,31316	0,141669	-0,201231	0,840518	0,936805	no
AN6687	ChrI_A_nidulans_FGSC_A4:2849260-2851640	WT_5hasex	WT_veg	OK	80,5654	222,372	1,46474	-3,0116	0,00259875	0,0173468	yes
AN6689	ChrI_A_nidulans_FGSC_A4:2856695-2858415	WT_5hasex	WT_veg	OK	237,347	524,872	1,14497	-2,27128	0,0231298	0,0994215	no
AN6690	ChrI_A_nidulans_FGSC_A4:2858921-2860280	WT_5hasex	WT_veg	OK	44,6013	191,403	2,10146	-4,20771	2,5798E-05	0,00033445	yes
AN6691	ChrI_A_nidulans_FGSC_A4:2861580-2864587	WT_5hasex	WT_veg	OK	18,2496	10,7853	-0,758804	1,3281	0,184145	0,43235	no
AN6692	ChrI_A_nidulans_FGSC_A4:2864858-2865681	WT_5hasex	WT_veg	OK	8,83674	13,1748	0,576193	-0,770706	0,440881	0,705049	no
AN6693	ChrI_A_nidulans_FGSC_A4:2866254-2866989	WT_5hasex	WT_veg	OK	432,307	1016	1,23278	-1,94753	0,0514712	0,181141	no
AN6694	ChrI_A_nidulans_FGSC_A4:2868600-2871790	WT_5hasex	WT_veg	OK	10,7069	19,2026	0,842764	-1,63128	0,102832	0,295378	no
AN6696	ChrI_A_nidulans_FGSC_A4:2880051-2881890	WT_5hasex	WT_veg	OK	16,2477	22,7653	0,486602	-0,897767	0,36931	0,643905	no
AN6698	ChrI_A_nidulans_FGSC_A4:2888379-2889761	WT_5hasex	WT_veg	OK	36,1611	220,485	2,60817	-5,09906	3,4134E-07	7,0421E-06	yes
AN6699	ChrI_A_nidulans_FGSC_A4:2889992-2891367	WT_5hasex	WT_veg	OK	68,7297	109,629	0,673629	-1,39986	0,161556	0,397419	no
AN6700	ChrI_A_nidulans_FGSC_A4:2894421-2897319	WT_5hasex	WT_veg	OK	282,311	2146,49	2,92662	-4,83404	1,3379E-06	2,3866E-05	yes
AN6701	ChrI_A_nidulans_FGSC_A4:2900579-2901699	WT_5hasex	WT_veg	OK	85,6842	301,466	1,81489	-3,73348	0,00018885	0,00189732	yes
AN6702	ChrI_A_nidulans_FGSC_A4:2904689-2908354	WT_5hasex	WT_veg	OK	19,5477	33,345	0,770467	-1,58303	0,113415	0,31554	no
AN6703	ChrI_A_nidulans_FGSC_A4:2909576-2911175	WT_5hasex	WT_veg	OK	38,8404	55,1085	0,504717	-0,835563	0,403401	0,674672	no
AN6704	ChrI_A_nidulans_FGSC_A4:2912550-2913476	WT_5hasex	WT_veg	OK	28,8118	74,9405	1,37909	-2,36356	0,0181002	0,0824701	no
AN6705	ChrI_A_nidulans_FGSC_A4:2913792-2916246	WT_5hasex	WT_veg	OK	31,6981	64,097	1,01586	-2,11032	0,0348309	0,136142	no
AN6706	ChrI_A_nidulans_FGSC_A4:2916856-2918941	WT_5hasex	WT_veg	OK	11,1918	36,1063	1,68981	-3,09463	0,00197059	0,0138107	yes
AN6707	ChrI_A_nidulans_FGSC_A4:2919208-2921266	WT_5hasex	WT_veg	OK	10,6483	13,1489	0,304323	-0,540609	0,588777	0,806406	no
AN6710	ChrI_A_nidulans_FGSC_A4:2930228-2931075	WT_5hasex	WT_veg	OK	64,3847	156,698	1,2832	-2,57164	0,0101217	0,0526157	no
AN6711	ChrI_A_nidulans_FGSC_A4:2931249-2933307	WT_5hasex	WT_veg	OK	79,7615	386,373	2,27623	-4,64936	3,3296E-06	5,4002E-05	yes
AN6713	ChrI_A_nidulans_FGSC_A4:2943563-2945296	WT_5hasex	WT_veg	OK	32,4604	73,1031	1,17125	-2,2927	0,0218652	0,095369	no
AN6714	ChrI_A_nidulans_FGSC_A4:2945426-2948485	WT_5hasex	WT_veg	OK	9,91816	21,0179	1,08348	-2,06786	0,0386528	0,147105	no
AN6715	ChrI_A_nidulans_FGSC_A4:2949905-2952694	WT_5hasex	WT_veg	OK	19,4949	26,413	0,438154	-0,875881	0,381095	0,655381	no
AN6716	ChrI_A_nidulans_FGSC_A4:2953294-2954419	WT_5hasex	WT_veg	OK	15,9788	26,1428	0,710257	-1,22157	0,221869	0,483365	no
AN6718	ChrI_A_nidulans_FGSC_A4:2959680-2962350	WT_5hasex	WT_veg	OK	40,0148	97,7173	1,28808	-2,5518	0,0107167	0,0550026	no
AN6719	ChrI_A_nidulans_FGSC_A4:2965375-2966163	WT_5hasex	WT_veg	OK	5,53022	5,36881	-0,0427332	0,048933	0,960973	0,985593	no
AN6721	ChrI_A_nidulans_FGSC_A4:2976771-2978397	WT_5hasex	WT_veg	OK	58,8773	101,518	0,785949	-1,62661	0,10382	0,297419	no
AN6724	ChrI_A_nidulans_FGSC_A4:2986370-2989161	WT_5hasex	WT_veg	NOTEST	0,983632	1,96262	0,996592	-1,24603	0,212753	0,212753	1 no
AN6725	ChrI_A_nidulans_FGSC_A4:2990055-2991474	WT_5hasex	WT_veg	OK	21,0662	74,6457	1,82513	-3,41166	0,00064568	0,00540926	yes
AN6726	ChrI_A_nidulans_FGSC_A4:2991676-2992809	WT_5hasex	WT_veg	OK	238,751	444,815	0,897696	-1,8259	0,0678649	0,220598	no
AN6727	ChrI_A_nidulans_FGSC_A4:2994616-2995627	WT_5hasex	WT_veg	OK	10,4022	9,01536	-0,206437	0,309845	0,756679	0,899446	no
AN6728	ChrI_A_nidulans_FGSC_A4:2995741-2997028	WT_5hasex	WT_veg	OK	5,33916	10,8955	1,02905	-1,49593	0,134672	0,353667	no
AN6729	ChrI_A_nidulans_FGSC_A4:2997391-2998828	WT_5hasex	WT_veg	OK	4,42023	6,03078	0,448223	-0,641863	0,520962	0,764183	no

Supplementary table 1

AN6732	ChrI_A_nidulans_FGSC_A4:3006006-3007172	WT_5hasex	WT_veg	OK	148,805	252,168	0,760962	-1,5575	0,119351	0,326523	no
AN6733	ChrI_A_nidulans_FGSC_A4:3007557-3010628	WT_5hasex	WT_veg	OK	45,2772	63,5246	0,48853	-0,975913	0,329108	0,605613	no
AN6734	ChrI_A_nidulans_FGSC_A4:3014512-3017690	WT_5hasex	WT_veg	OK	32,9521	37,7574	0,196389	-0,406157	0,684627	0,861245	no
AN6735	ChrI_A_nidulans_FGSC_A4:3018528-3019099	WT_5hasex	WT_veg	OK	196,253	244,746	0,318569	-0,646862	0,517721	0,761768	no
AN6736	ChrI_A_nidulans_FGSC_A4:3020385-3021249	WT_5hasex	WT_veg	OK	12,8196	9,85674	-0,379163	0,547054	0,584342	0,803798	no
AN6737	ChrI_A_nidulans_FGSC_A4:3021494-3022116	WT_5hasex	WT_veg	OK	81,0857	57,2654	-0,501784	0,974915	0,329602	0,606071	no
AN6739	ChrI_A_nidulans_FGSC_A4:3027855-3029136	WT_5hasex	WT_veg	OK	116,258	76,663	-0,600732	0,94477	0,344776	0,620155	no
AN6740	ChrI_A_nidulans_FGSC_A4:3032835-3034013	WT_5hasex	WT_veg	OK	39,9765	39,4014	-0,020906	0,0376987	0,969928	0,989084	no
AN6741	ChrI_A_nidulans_FGSC_A4:3034099-3035795	WT_5hasex	WT_veg	OK	79,7357	88,3451	0,147924	-0,300119	0,764087	0,90277	no
AN6742	ChrI_A_nidulans_FGSC_A4:3038674-3040973	WT_5hasex	WT_veg	OK	15,7218	5,40171	-1,54128	2,75554	0,00585946	0,0338321	yes
AN6744	ChrI_A_nidulans_FGSC_A4:3044303-3044719	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6745	ChrI_A_nidulans_FGSC_A4:3045097-3046704	WT_5hasex	WT_veg	NOTEST	0,161726	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN6746	ChrI_A_nidulans_FGSC_A4:3046974-3047969	WT_5hasex	WT_veg	NOTEST	0,776502	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN6747	ChrI_A_nidulans_FGSC_A4:3048839-3051756	WT_5hasex	WT_veg	NOTEST	0,08713	0,298727	1,77758	-0,781929	0,434256	1	no
AN6749	ChrI_A_nidulans_FGSC_A4:3055206-3056606	WT_5hasex	WT_veg	OK	10,7696	18,7034	0,796333	-1,27822	0,201173	0,456261	no
AN6750	ChrI_A_nidulans_FGSC_A4:3057395-3058870	WT_5hasex	WT_veg	OK	94,4096	17,5253	-2,42949	4,37641	1,2065E-05	0,00016977	yes
AN6751	ChrI_A_nidulans_FGSC_A4:3059206-3061124	WT_5hasex	WT_veg	NOTEST	0,429965	0,341117	-0,333954	0,212264	0,831901	1	no
AN6753	ChrI_A_nidulans_FGSC_A4:3065363-3066640	WT_5hasex	WT_veg	OK	121,697	245,381	1,01173	-1,63747	0,101533	0,292702	no
AN6754	ChrI_A_nidulans_FGSC_A4:3067500-3069853	WT_5hasex	WT_veg	OK	42,0737	44,4391	0,0789104	-0,147431	0,882792	0,955549	no
AN6755	ChrI_A_nidulans_FGSC_A4:3070232-3072373	WT_5hasex	WT_veg	OK	7,02859	4,59791	-0,612257	0,984771	0,324737	0,601387	no
AN6756	ChrI_A_nidulans_FGSC_A4:3073892-3074426	WT_5hasex	WT_veg	OK	10,8291	1,2395	-3,12708	2,15	0,0315548	0,126243	no
AN6757	ChrI_A_nidulans_FGSC_A4:3074805-3077180	WT_5hasex	WT_veg	OK	17,0441	13,537	-0,332367	0,626827	0,530772	0,770047	no
AN6758	ChrI_A_nidulans_FGSC_A4:3078198-3081218	WT_5hasex	WT_veg	OK	31,4527	46,4598	0,562799	-1,15438	0,248344	0,5165	no
AN6759	ChrI_A_nidulans_FGSC_A4:3081749-3083786	WT_5hasex	WT_veg	OK	14,4242	13,0551	-0,143881	0,254061	0,799448	0,919005	no
AN6760	ChrI_A_nidulans_FGSC_A4:3083948-3084653	WT_5hasex	WT_veg	OK	17,3794	13,7621	-0,33667	0,526777	0,598349	0,812223	no
AN6761	ChrI_A_nidulans_FGSC_A4:3085369-3086824	WT_5hasex	WT_veg	OK	1,67869	8,04577	2,26089	-2,41109	0,0159051	0,0748437	no
AN6762	ChrI_A_nidulans_FGSC_A4:3086997-3089260	WT_5hasex	WT_veg	NOTEST	0,935563	3,66377	1,96942	-2,23651	0,0253186	1	no
AN6763	ChrI_A_nidulans_FGSC_A4:3090881-3092466	WT_5hasex	WT_veg	OK	28,2461	53,7853	0,929163	-1,76782	0,0770907	0,241415	no
AN6764	ChrI_A_nidulans_FGSC_A4:3095380-3096907	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6766	ChrI_A_nidulans_FGSC_A4:3100491-3103283	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6767	ChrI_A_nidulans_FGSC_A4:3100491-3103283	WT_5hasex	WT_veg	OK	2,74896	11,1853	2,02465	-2,29918	0,021495	0,0941081	no
AN6768	ChrI_A_nidulans_FGSC_A4:3104444-3107434	WT_5hasex	WT_veg	OK	6,58374	13,896	1,0777	-1,80359	0,0712957	0,22842	no
AN6769	ChrI_A_nidulans_FGSC_A4:3107451-3109092	WT_5hasex	WT_veg	OK	17,8761	77,7466	2,12075	-3,54807	0,00038806	0,00350127	yes
AN6770	ChrI_A_nidulans_FGSC_A4:3110920-3112895	WT_5hasex	WT_veg	OK	4,58905	21,4886	2,2273	-2,82333	0,0047528	0,0285779	yes
AN6771	ChrI_A_nidulans_FGSC_A4:3113932-3115826	WT_5hasex	WT_veg	NOTEST	0,319445	0,522772	0,710612	-0,426167	0,669986	1	no
AN6772	ChrI_A_nidulans_FGSC_A4:3117075-3118194	WT_5hasex	WT_veg	NOTEST	0,743877	2,24434	1,59315	-1,35885	0,174194	1	no
AN6773	ChrI_A_nidulans_FGSC_A4:3119089-3120436	WT_5hasex	WT_veg	NOTEST	0,505333	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN6774	ChrI_A_nidulans_FGSC_A4:3120967-3122558	WT_5hasex	WT_veg	OK	11,918	73,4039	2,62271	-4,48106	7,4273E-06	0,00011044	yes
AN6776	ChrI_A_nidulans_FGSC_A4:3127972-3128734	WT_5hasex	WT_veg	OK	1,15903	6,68945	2,52898	-2,49309	0,0126635	0,0627652	no
AN6777	ChrI_A_nidulans_FGSC_A4:3131863-3133527	WT_5hasex	WT_veg	NOTEST	0,443243	0	-1.79769e+308	-1.79769e+308	0,0561526	1	no
AN6778	ChrI_A_nidulans_FGSC_A4:3135796-3137655	WT_5hasex	WT_veg	OK	1,47059	6,15039	2,06429	-2,62185	0,00874538	0,0468632	yes
AN6779	ChrI_A_nidulans_FGSC_A4:3139889-3144575	WT_5hasex	WT_veg	OK	25,3268	245,45	3,2767	-6,72077	1,8076E-11	8,246E-10	yes
AN6780	ChrI_A_nidulans_FGSC_A4:3145439-3146034	WT_5hasex	WT_veg	OK	17,3637	55,7739	1,68352	-2,50431	0,012269	0,0612223	no
AN6781	ChrI_A_nidulans_FGSC_A4:3146740-3148397	WT_5hasex	WT_veg	NOTEST	0,25067	1,82325	2,86265	-1,3864	0,165626	1	no
AN6782	ChrI_A_nidulans_FGSC_A4:3150168-3151819	WT_5hasex	WT_veg	NOTEST	1,52134	1,90631	0,325441	-0,315676	0,752248	1	no
AN6783	ChrI_A_nidulans_FGSC_A4:3153273-3155066	WT_5hasex	WT_veg	OK	13,8274	46,5273	1,75055	-3,12051	0,00180538	0,0128088	yes
AN6785	ChrI_A_nidulans_FGSC_A4:3158688-3160359	WT_5hasex	WT_veg	OK	6,21949	12,1377	0,964622	-1,44635	0,148078	0,375731	no
AN6786	ChrI_A_nidulans_FGSC_A4:3163473-3164539	WT_5hasex	WT_veg	OK	6,8686	14,6366	1,09149	-1,55376	0,120241	0,32815	no
AN6788	ChrI_A_nidulans_FGSC_A4:3170948-3173090	WT_5hasex	WT_veg	OK	25,0631	16,9806	-0,561678	0,905845	0,365018	0,639884	no
AN6789	ChrI_A_nidulans_FGSC_A4:3174104-3175160	WT_5hasex	WT_veg	OK	140,561	59,1542	-1,24864	2,53755	0,0111632	0,0567934	no
AN6790	ChrI_A_nidulans_FGSC_A4:3177757-3179747	WT_5hasex	WT_veg	OK	17,1784	16,3598	-0,0704388	0,129766	0,896751	0,960569	no
AN6791	ChrI_A_nidulans_FGSC_A4:3181547-3189431	WT_5hasex	WT_veg	OK	1,33517	5,89848	2,14332	-3,39365	0,00068968	0,00572114	yes
AN6793	ChrI_A_nidulans_FGSC_A4:3191440-3192679	WT_5hasex	WT_veg	OK	39,8877	75,9961	0,929982	-1,83772	0,066104	0,216471	no

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AN6794	ChrI_A_nidulans_FGSC_A4:3196568-3197393	WT_5hasex	WT_veg	OK	11,8427	27,3983	1,21009	-1,73405	0,082909	0,254174	no
AN6795	ChrI_A_nidulans_FGSC_A4:3198442-3199129	WT_5hasex	WT_veg	OK	19,5326	21,3413	0,127761	-0,205358	0,837293	0,935279	no
AN6796	ChrI_A_nidulans_FGSC_A4:3199280-3200159	WT_5hasex	WT_veg	OK	324,846	386,041	0,248998	-0,422316	0,672795	0,840301	no
AN6797	ChrI_A_nidulans_FGSC_A4:3202191-3202613	WT_5hasex	WT_veg	OK	8,27689	45,9221	2,47203	-2,83037	0,00464948	0,0280629	yes
AN6798	ChrI_A_nidulans_FGSC_A4:3202854-3205136	WT_5hasex	WT_veg	NOTEST	0,210454	0	-1.79769e+308	-1.79769e+308	0,122325	1	no
AN6801	ChrI_A_nidulans_FGSC_A4:3213005-3213786	WT_5hasex	WT_veg	OK	9,56059	42,149	2,14033	-3,27585	0,00105344	0,00819631	yes
AN6802	ChrI_A_nidulans_FGSC_A4:3219506-3221568	WT_5hasex	WT_veg	OK	1,53111	6,9099	2,17409	-2,67211	0,00753753	0,0415858	yes
AN6803	ChrI_A_nidulans_FGSC_A4:3222691-3225097	WT_5hasex	WT_veg	NOTEST	0,391657	0,331677	-0,23981	0,158055	0,874413	1	no
AN6804	ChrI_A_nidulans_FGSC_A4:3225930-3228749	WT_5hasex	WT_veg	OK	19,3982	218,445	3,49328	-6,78445	1,1653E-11	5,5014E-10	yes
AN6805	ChrI_A_nidulans_FGSC_A4:3237764-3239652	WT_5hasex	WT_veg	OK	6,62203	20,6139	1,63827	-2,61154	0,00901342	0,048016	yes
AN6806	ChrI_A_nidulans_FGSC_A4:3241190-3242498	WT_5hasex	WT_veg	NOTEST	1,44557	1,34797	-0,100858	0,0899612	0,928318	1	no
AN6808	ChrI_A_nidulans_FGSC_A4:3249899-3251118	WT_5hasex	WT_veg	OK	2,91885	3,51373	0,267602	-0,312209	0,754881	0,898274	no
AN6809	ChrI_A_nidulans_FGSC_A4:3251822-3253158	WT_5hasex	WT_veg	OK	25,1216	23,9041	-0,0716721	0,125083	0,900458	0,961718	no
AN6811	ChrI_A_nidulans_FGSC_A4:3258984-3260530	WT_5hasex	WT_veg	NOTEST	0,165364	0,62665	1,92201	-0,808518	0,418792	1	no
AN6812	ChrI_A_nidulans_FGSC_A4:3260708-3261785	WT_5hasex	WT_veg	OK	48,2514	22,607	-1,0938	1,8914	0,0585712	0,198717	no
AN6813	ChrI_A_nidulans_FGSC_A4:3264118-3265540	WT_5hasex	WT_veg	NOTEST	0,408155	1,03577	1,34352	-0,739833	0,459401	1	no
AN6814	ChrI_A_nidulans_FGSC_A4:3265894-3267779	WT_5hasex	WT_veg	OK	2,33527	5,83567	1,32131	-1,8453	0,0649943	0,213894	no
AN6815	ChrI_A_nidulans_FGSC_A4:3267926-3269453	WT_5hasex	WT_veg	OK	45,3099	54,7089	0,27195	-0,524177	0,600155	0,813347	no
AN6816	ChrI_A_nidulans_FGSC_A4:3271019-3272895	WT_5hasex	WT_veg	OK	28,5661	75,7064	1,40611	-2,8243	0,00473844	0,0285026	yes
AN6817	ChrI_A_nidulans_FGSC_A4:3273151-3274319	WT_5hasex	WT_veg	OK	13,5305	35,2966	1,38331	-2,34151	0,0192057	0,0862841	no
AN6818	ChrI_A_nidulans_FGSC_A4:3274557-3275434	WT_5hasex	WT_veg	NOTEST	1,26016	3,05832	1,27913	-1,2078	0,227124	1	no
AN6819	ChrI_A_nidulans_FGSC_A4:3275791-3276790	WT_5hasex	WT_veg	OK	10,5707	27,1885	1,36293	-1,9556	0,0505119	0,178822	no
AN6820	ChrI_A_nidulans_FGSC_A4:3277884-3281841	WT_5hasex	WT_veg	OK	47,5444	327,271	2,78314	-5,23641	1,6373E-07	3,6248E-06	yes
AN6821	ChrI_A_nidulans_FGSC_A4:3284123-3285317	WT_5hasex	WT_veg	OK	48,1355	57,6755	0,260857	-0,480837	0,630632	0,830775	no
AN6822	ChrI_A_nidulans_FGSC_A4:3285702-3287246	WT_5hasex	WT_veg	OK	6,58168	31,789	2,272	-3,55385	0,00037964	0,00343591	yes
AN6823	ChrI_A_nidulans_FGSC_A4:3287591-3289172	WT_5hasex	WT_veg	OK	30,0847	56,4798	0,908703	-1,80148	0,0716279	0,229204	no
AN6824	ChrI_A_nidulans_FGSC_A4:3295384-3297723	WT_5hasex	WT_veg	OK	133,182	617,837	2,21382	-4,22185	2,423E-05	0,00031608	yes
AN6825	ChrI_A_nidulans_FGSC_A4:3299625-3300460	WT_5hasex	WT_veg	OK	43,0466	69,2024	0,684925	-1,31559	0,18831	0,438188	no
AN6826	ChrI_A_nidulans_FGSC_A4:3300876-3302319	WT_5hasex	WT_veg	OK	15,4343	22,7227	0,557996	-1,02209	0,30674	0,582859	no
AN6827	ChrI_A_nidulans_FGSC_A4:3302727-3303258	WT_5hasex	WT_veg	OK	17,5115	48,5152	1,47013	-2,25555	0,0240988	0,10251	no
AN6828	ChrI_A_nidulans_FGSC_A4:3303762-3307480	WT_5hasex	WT_veg	OK	10,9778	22,2083	1,01651	-1,99465	0,0460812	0,167551	no
AN6829	ChrI_A_nidulans_FGSC_A4:3311054-3313284	WT_5hasex	WT_veg	NOTEST	0,489189	0,375505	-0,381561	0,256794	0,797338	1	no
AN6831	ChrI_A_nidulans_FGSC_A4:3318251-3320065	WT_5hasex	WT_veg	OK	19,0914	1,39996	-3,76947	4,5512	5,334E-06	8,204E-05	yes
AN6832	ChrI_A_nidulans_FGSC_A4:3321132-3323427	WT_5hasex	WT_veg	OK	5,60465	3,2774	-0,774072	1,1604	0,245888	0,51365	no
AN6833	ChrI_A_nidulans_FGSC_A4:3328512-3329265	WT_5hasex	WT_veg	OK	1,98559	0	-1.79769e+308	-1.79769e+308	0,0375581	0,143955	no
AN6834	ChrI_A_nidulans_FGSC_A4:3330226-3332056	WT_5hasex	WT_veg	OK	3,15059	5,56487	0,820727	-1,11118	0,266489	0,538154	no
AN6836	ChrI_A_nidulans_FGSC_A4:3338837-3339717	WT_5hasex	WT_veg	OK	8,04716	14,6951	0,868787	-1,21367	0,224875	0,487038	no
AN6837	ChrI_A_nidulans_FGSC_A4:3341945-3343548	WT_5hasex	WT_veg	OK	7,64006	11,0249	0,529109	-0,829901	0,406595	0,677114	no
AN6839	ChrI_A_nidulans_FGSC_A4:3347321-3348176	WT_5hasex	WT_veg	OK	9,71736	9,27225	-0,0676451	0,0966608	0,922996	0,970817	no
AN6840	ChrI_A_nidulans_FGSC_A4:3352048-3353273	WT_5hasex	WT_veg	OK	143,292	321,855	1,16745	-2,42858	0,015158	0,0720788	no
AN6841	ChrI_A_nidulans_FGSC_A4:3353922-3354536	WT_5hasex	WT_veg	OK	30,0244	53,0795	0,82202	-1,40301	0,160615	0,39624	no
AN6842	ChrI_A_nidulans_FGSC_A4:3354665-3355971	WT_5hasex	WT_veg	OK	54,5035	137,045	1,33022	-2,72981	0,00633717	0,0361547	yes
AN6843	ChrI_A_nidulans_FGSC_A4:3356142-3357192	WT_5hasex	WT_veg	OK	97,4891	203,086	1,05878	-2,17938	0,0293032	0,119136	no
AN6844	ChrI_A_nidulans_FGSC_A4:3357442-3359233	WT_5hasex	WT_veg	OK	66,7397	106,183	0,669943	-1,38356	0,166495	0,40527	no
AN6845	ChrI_A_nidulans_FGSC_A4:3359444-3361120	WT_5hasex	WT_veg	OK	7,42395	11,2736	0,602685	-0,944457	0,344936	0,620329	no
AN6846	ChrI_A_nidulans_FGSC_A4:3361293-3363390	WT_5hasex	WT_veg	OK	2,20442	3,11184	0,497366	-0,666424	0,50514	0,753226	no
AN6847	ChrI_A_nidulans_FGSC_A4:3363468-3365472	WT_5hasex	WT_veg	OK	8,75867	19,0021	1,11737	-1,93808	0,0526138	0,183854	no
AN6848	ChrI_A_nidulans_FGSC_A4:3366035-3367797	WT_5hasex	WT_veg	NOTEST	1,22491	2,77653	1,18061	-1,38887	0,164871	1	no
AN6849	ChrI_A_nidulans_FGSC_A4:3368172-3369295	WT_5hasex	WT_veg	OK	166,766	235,641	0,498763	-0,923642	0,355673	0,631064	no
AN6850	ChrI_A_nidulans_FGSC_A4:3370138-3372492	WT_5hasex	WT_veg	OK	14,5011	34,1365	1,23516	-2,28307	0,0224262	0,0970891	no
AN6853	ChrI_A_nidulans_FGSC_A4:3381116-3382575	WT_5hasex	WT_veg	OK	30,3862	47,4516	0,643042	-1,27298	0,203023	0,458868	no
AN6854	ChrI_A_nidulans_FGSC_A4:3382774-3383294	WT_5hasex	WT_veg	OK	35,1275	122,173	1,79825	-3,05381	0,00225957	0,0154678	yes
AN6856	ChrI_A_nidulans_FGSC_A4:3387757-3388378	WT_5hasex	WT_veg	OK	672,858	6049,1	3,16835	-5,71992	1,0658E-08	3,0708E-07	yes

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AN6857	ChrI_A_nidulans_FGSC_A4:3388383-3390041	WT_5hasex	WT_veg	OK	12,3007	14,445	0,231838	-0,409249	0,682357	0,859836	no
AN6858	ChrI_A_nidulans_FGSC_A4:3390999-3393350	WT_5hasex	WT_veg	OK	8,8938	12,9351	0,540416	-0,970398	0,331848	0,608152	no
AN6859	ChrI_A_nidulans_FGSC_A4:3397618-3399862	WT_5hasex	WT_veg	OK	108,245	245,129	1,17924	-2,38796	0,0169423	0,0785966	no
AN6862	ChrI_A_nidulans_FGSC_A4:3403700-3404146	WT_5hasex	WT_veg	OK	104,224	41,3745	-1,33288	2,40052	0,0163717	0,0765376	no
AN6864	ChrI_A_nidulans_FGSC_A4:3407292-3408961	WT_5hasex	WT_veg	OK	23,8512	83,5486	1,80855	-3,59635	0,00032271	0,00299625	yes
AN6865	ChrI_A_nidulans_FGSC_A4:3409501-3410436	WT_5hasex	WT_veg	OK	35,469	115,952	1,7089	-3,14759	0,0016462	0,0118691	yes
AN6867	ChrI_A_nidulans_FGSC_A4:3412968-3415346	WT_5hasex	WT_veg	OK	52,7317	75,5396	0,518562	-1,07301	0,283266	0,557044	no
AN6868	ChrI_A_nidulans_FGSC_A4:3416146-3417973	WT_5hasex	WT_veg	OK	5,91972	9,97358	0,752582	-1,20493	0,228231	0,491262	no
AN6869	ChrI_A_nidulans_FGSC_A4:3418802-3420277	WT_5hasex	WT_veg	OK	11,6033	10,7049	-0,116265	0,160169	0,872748	0,951241	no
AN6870	ChrI_A_nidulans_FGSC_A4:3421281-3422862	WT_5hasex	WT_veg	OK	6,1374	2,92186	-1,07074	1,43889	0,15018	0,379316	no
AN6871	ChrI_A_nidulans_FGSC_A4:3423877-3425909	WT_5hasex	WT_veg	OK	4,43437	5,09755	0,201075	-0,239344	0,810839	0,924189	no
AN6872	ChrI_A_nidulans_FGSC_A4:3427739-3428396	WT_5hasex	WT_veg	NOTEST	0	1,43932	1.79769e+308	1.79769e+308	0,123323	1	no
AN6873	ChrI_A_nidulans_FGSC_A4:3429895-3431088	WT_5hasex	WT_veg	OK	5,47574	7,25176	0,405276	-0,474084	0,63544	0,833329	no
AN6874	ChrI_A_nidulans_FGSC_A4:3431502-3433088	WT_5hasex	WT_veg	OK	115,564	178,339	0,625928	-1,27568	0,202069	0,457613	no
AN6875	ChrI_A_nidulans_FGSC_A4:3433806-3439155	WT_5hasex	WT_veg	OK	27,8273	37,3331	0,423951	-0,887106	0,375022	0,649714	no
AN6876	ChrI_A_nidulans_FGSC_A4:3444658-3446484	WT_5hasex	WT_veg	OK	7,59346	25,4469	1,74466	-2,39382	0,0166738	0,0776109	no
AN6877	ChrI_A_nidulans_FGSC_A4:3446825-3447797	WT_5hasex	WT_veg	OK	7,1022	7,51914	0,0823028	-0,114215	0,909068	0,965425	no
AN6878	ChrI_A_nidulans_FGSC_A4:3448329-3450464	WT_5hasex	WT_veg	OK	6,84379	7,68218	0,166719	-0,269135	0,787826	0,913415	no
AN6879	ChrI_A_nidulans_FGSC_A4:3451065-3453023	WT_5hasex	WT_veg	OK	59,4941	96,0896	0,691633	-1,39039	0,164411	0,401981	no
AN6880	ChrI_A_nidulans_FGSC_A4:3453953-3458077	WT_5hasex	WT_veg	OK	18,8727	21,9605	0,218614	-0,434292	0,664077	0,84975	no
AN6881	ChrI_A_nidulans_FGSC_A4:3463446-3464372	WT_5hasex	WT_veg	OK	237,106	1433,28	2,59571	-4,63611	3,5502E-06	5,7067E-05	yes
AN6882	ChrI_A_nidulans_FGSC_A4:3465118-3466233	WT_5hasex	WT_veg	NOTEST	0,202128	0,885977	2,132	-0,888761	0,374131	1	no
AN6883	ChrI_A_nidulans_FGSC_A4:3466801-3468654	WT_5hasex	WT_veg	NOTEST	0,307247	0,562577	0,872652	-0,484714	0,627879	1	no
AN6884	ChrI_A_nidulans_FGSC_A4:3469375-3471729	WT_5hasex	WT_veg	OK	1,02161	6,43925	2,65604	-3,19571	0,0013949	0,0103356	yes
AN6885	ChrI_A_nidulans_FGSC_A4:3472601-3473601	WT_5hasex	WT_veg	OK	13,2258	30,8361	1,22127	-1,98282	0,0473872	0,171101	no
AN6887	ChrI_A_nidulans_FGSC_A4:3477668-3479738	WT_5hasex	WT_veg	OK	12,9557	37,5912	1,53681	-2,89204	0,00382753	0,0239458	yes
AN6889	ChrI_A_nidulans_FGSC_A4:3484509-3487921	WT_5hasex	WT_veg	OK	4,86775	9,03161	0,891728	-1,47611	0,139915	0,362423	no
AN6890	ChrI_A_nidulans_FGSC_A4:3488569-3490494	WT_5hasex	WT_veg	OK	40,0242	60,3492	0,592461	-1,2239	0,220989	0,482551	no
AN6891	ChrI_A_nidulans_FGSC_A4:3490769-3492208	WT_5hasex	WT_veg	OK	112,91	196,418	0,798755	-1,61702	0,105873	0,301539	no
AN6892	ChrI_A_nidulans_FGSC_A4:3492775-3494532	WT_5hasex	WT_veg	OK	61,8874	103,594	0,743218	-1,5017	0,133174	0,351018	no
AN6895	ChrI_A_nidulans_FGSC_A4:3502621-3504958	WT_5hasex	WT_veg	OK	7,46373	12,0096	0,686221	-1,16271	0,244946	0,512524	no
AN6896	ChrI_A_nidulans_FGSC_A4:3505476-3508186	WT_5hasex	WT_veg	OK	8,47403	11,5448	0,446124	-0,788326	0,430506	0,696987	no
AN6897	ChrI_A_nidulans_FGSC_A4:3509541-3512497	WT_5hasex	WT_veg	OK	71,5368	139,656	0,965122	-1,90952	0,0561951	0,19276	no
AN6898	ChrI_A_nidulans_FGSC_A4:3512679-3513878	WT_5hasex	WT_veg	OK	91,967	240,64	1,38769	-2,83911	0,00452395	0,0274602	yes
AN6899	ChrI_A_nidulans_FGSC_A4:3515405-3517115	WT_5hasex	WT_veg	OK	15,2002	46,1338	1,60174	-3,01066	0,00260683	0,0173884	yes
AN6902	ChrI_A_nidulans_FGSC_A4:3520704-3521597	WT_5hasex	WT_veg	OK	39,5348	243,525	2,62287	-4,8387	1,3069E-06	2,3382E-05	yes
AN6903	ChrI_A_nidulans_FGSC_A4:3522421-3523708	WT_5hasex	WT_veg	OK	53,3748	106,89	1,0019	-2,04629	0,0407277	0,152804	no
AN6904	ChrI_A_nidulans_FGSC_A4:3523980-3524643	WT_5hasex	WT_veg	OK	116,127	247,039	1,08904	-2,21038	0,0270785	0,112047	no
AN6905	ChrI_A_nidulans_FGSC_A4:3525020-3526061	WT_5hasex	WT_veg	OK	13,4668	43,7831	1,70097	-2,75203	0,00592278	0,0341137	yes
AN6906	ChrI_A_nidulans_FGSC_A4:3526403-3528221	WT_5hasex	WT_veg	OK	146,316	292,632	1	-2,00076	0,0454178	0,165691	no
AN6908	ChrI_A_nidulans_FGSC_A4:3539796-3542224	WT_5hasex	WT_veg	OK	53,206	56,2378	0,079951	-0,166015	0,868145	0,949561	no
AN6910	ChrI_A_nidulans_FGSC_A4:3542878-3545548	WT_5hasex	WT_veg	OK	40,5501	65,7161	0,696541	-1,33218	0,182802	0,430351	no
AN6912	ChrI_A_nidulans_FGSC_A4:3548528-3549132	WT_5hasex	WT_veg	OK	43,1104	110,737	1,36104	-2,42691	0,0152282	0,0723274	no
AN6913	ChrI_A_nidulans_FGSC_A4:3549353-3551312	WT_5hasex	WT_veg	OK	15,1347	34,5807	1,1921	-2,2247	0,0261305	0,10919	no
AN6914	ChrI_A_nidulans_FGSC_A4:3551487-3552272	WT_5hasex	WT_veg	OK	92,7621	266,727	1,52376	-3,1371	0,0017063	0,0122267	yes
AN6915	ChrI_A_nidulans_FGSC_A4:3552645-3554662	WT_5hasex	WT_veg	OK	44,3535	171,987	1,95518	-4,02618	5,6692E-05	0,00066818	yes
AN6916	ChrI_A_nidulans_FGSC_A4:3557547-3560356	WT_5hasex	WT_veg	OK	2,18301	7,13855	1,70931	-1,80714	0,0707403	0,227224	no
AN6917	ChrI_A_nidulans_FGSC_A4:3569267-3570214	WT_5hasex	WT_veg	OK	7,811	11,2277	0,523482	-0,725574	0,4681	0,726559	no
AN6918	ChrI_A_nidulans_FGSC_A4:3570459-3571504	WT_5hasex	WT_veg	OK	57,5616	53,171	-0,114468	0,20681	0,836158	0,934869	no
AN6921	ChrI_A_nidulans_FGSC_A4:3577887-3578949	WT_5hasex	WT_veg	OK	945,164	2385,02	1,33536	-2,4009	0,0163548	0,0764928	no
AN6922	ChrI_A_nidulans_FGSC_A4:3579662-3581097	WT_5hasex	WT_veg	OK	95,6288	187,037	0,967805	-2,01073	0,044354	0,162828	no
AN6924	ChrI_A_nidulans_FGSC_A4:3587126-3589004	WT_5hasex	WT_veg	OK	40,537	67,7418	0,740806	-1,41586	0,156816	0,390268	no
AN6926	ChrI_A_nidulans_FGSC_A4:3600123-3602305	WT_5hasex	WT_veg	NOTEST	0,1084	0	-1.79769e+308	-1.79769e+308	0,165569	1	no

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AN6928	ChrI_A_nidulans_FGSC_A4:3604041-3607014	WT_5hasex	WT_veg	NOTEST	0,463075	0,484568	0,0654545	-0,0426564	0,965975	1	no
AN6929	ChrI_A_nidulans_FGSC_A4:3608392-3611360	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6930	ChrI_A_nidulans_FGSC_A4:3613604-3615138	WT_5hasex	WT_veg	OK	30,1123	29,8874	-0,0108141	0,0170985	0,986358	0,995063	no
AN6931	ChrI_A_nidulans_FGSC_A4:3615292-3616663	WT_5hasex	WT_veg	OK	15,8148	79,9815	2,33839	-4,1954	2,7239E-05	0,00035166	yes
AN6934	ChrI_A_nidulans_FGSC_A4:3623160-3625051	WT_5hasex	WT_veg	OK	2,82666	13,9375	2,30181	-3,27404	0,00106022	0,00824178	yes
AN6935	ChrI_A_nidulans_FGSC_A4:3625898-3626720	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6936	ChrI_A_nidulans_FGSC_A4:3627340-3627991	WT_5hasex	WT_veg	NOTEST	1,14344	1,32841	0,216325	-0,145578	0,884255	1	no
AN6937	ChrI_A_nidulans_FGSC_A4:3629403-3630602	WT_5hasex	WT_veg	NOTEST	0,627377	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN6940	ChrI_A_nidulans_FGSC_A4:3643283-3644638	WT_5hasex	WT_veg	OK	34,3679	388,164	3,49753	-5,87557	4,2139E-09	1,315E-07	yes
AN6941	ChrI_A_nidulans_FGSC_A4:3645674-3646892	WT_5hasex	WT_veg	OK	44,5079	157,371	1,82203	-2,99337	0,00275919	0,0182306	yes
AN6942	ChrI_A_nidulans_FGSC_A4:3650101-3652548	WT_5hasex	WT_veg	NOTEST	0,571112	0,896845	0,651085	-0,552659	0,580497	1	no
AN6943	ChrI_A_nidulans_FGSC_A4:3652848-3654006	WT_5hasex	WT_veg	OK	1,20515	4,79044	1,99095	-2,2913	0,0219459	0,0956269	no
AN6944	ChrI_A_nidulans_FGSC_A4:3654556-3656009	WT_5hasex	WT_veg	OK	6,1233	30,4595	2,31451	-3,59716	0,00032171	0,00298856	yes
AN6945	ChrI_A_nidulans_FGSC_A4:3656319-3657809	WT_5hasex	WT_veg	OK	2,08953	0,135445	-3,9474	1,31704	0,187825	0,437577	no
AN6946	ChrI_A_nidulans_FGSC_A4:3658410-3659992	WT_5hasex	WT_veg	OK	6,48449	0	-1.79769e+308	-1.79769e+308	0,0114182	0,0578494	no
AN6947	ChrI_A_nidulans_FGSC_A4:3660134-3661257	WT_5hasex	WT_veg	NOTEST	0,232395	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN6949	ChrI_A_nidulans_FGSC_A4:3667131-3669848	WT_5hasex	WT_veg	OK	13,1206	22,4925	0,777616	-1,41539	0,156955	0,390485	no
AN6950	ChrI_A_nidulans_FGSC_A4:3670553-3671522	WT_5hasex	WT_veg	OK	10,5579	6,83301	-0,627725	0,883305	0,377072	0,651821	no
AN6951	ChrI_A_nidulans_FGSC_A4:3672904-3673736	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6952	ChrI_A_nidulans_FGSC_A4:3677359-3678853	WT_5hasex	WT_veg	OK	3,12044	13,4152	2,10405	-2,92854	0,0034056	0,0217555	yes
AN6953	ChrI_A_nidulans_FGSC_A4:3679944-3681393	WT_5hasex	WT_veg	OK	5,76889	0,623628	-3,20954	2,30566	0,0211296	0,0929745	no
AN6954	ChrI_A_nidulans_FGSC_A4:3682781-3683282	WT_5hasex	WT_veg	OK	19,0638	4,81234	-1,98602	2,23643	0,0253236	0,106501	no
AN6955	ChrI_A_nidulans_FGSC_A4:3687024-3688933	WT_5hasex	WT_veg	NOTEST	0,683621	1,02483	0,584111	-0,487367	0,625998	1	no
AN6957	ChrI_A_nidulans_FGSC_A4:3692525-3693445	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6958	ChrI_A_nidulans_FGSC_A4:3704870-3705771	WT_5hasex	WT_veg	NOTEST	0	1,40797	1.79769e+308	1.79769e+308	0,123323	1	no
AN6960	ChrI_A_nidulans_FGSC_A4:3715298-3721652	WT_5hasex	WT_veg	OK	8,93572	11,7898	0,399886	-0,686041	0,492687	0,744479	no
AN6961	ChrI_A_nidulans_FGSC_A4:3724871-3725411	WT_5hasex	WT_veg	NOTEST	0,888253	0,358551	-1,30879	0,417851	0,676056	1	no
AN6962	ChrI_A_nidulans_FGSC_A4:3727593-3728612	WT_5hasex	WT_veg	OK	3,06619	2,1527	-0,510296	0,46302	0,64335	0,83789	no
AN6963	ChrI_A_nidulans_FGSC_A4:3730062-3731362	WT_5hasex	WT_veg	OK	38,4128	86,7773	1,17573	-2,05597	0,0397851	0,150279	no
AN6964	ChrI_A_nidulans_FGSC_A4:3733136-3733790	WT_5hasex	WT_veg	OK	8,12711	14,149	0,799887	-1,11614	0,264363	0,535429	no
AN6965	ChrI_A_nidulans_FGSC_A4:3735180-3736029	WT_5hasex	WT_veg	NOTEST	0,287635	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN6966	ChrI_A_nidulans_FGSC_A4:3736777-3737848	WT_5hasex	WT_veg	NOTEST	0,894498	1,80019	1,009	-0,877801	0,380052	1	no
AN6967	ChrI_A_nidulans_FGSC_A4:3738813-3739078	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6968	ChrI_A_nidulans_FGSC_A4:3739309-3742139	WT_5hasex	WT_veg	OK	5,77963	11,9335	1,04597	-1,74603	0,0808063	0,249465	no
AN6969	ChrI_A_nidulans_FGSC_A4:3742375-3743248	WT_5hasex	WT_veg	NOTEST	1,20734	3,85009	1,67306	-1,67945	0,0930645	1	no
AN6971	ChrI_A_nidulans_FGSC_A4:3751566-3753573	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN6972	ChrI_A_nidulans_FGSC_A4:3756285-3757668	WT_5hasex	WT_veg	OK	5,15872	13,7246	1,41168	-2,12027	0,0339837	0,133685	no
AN6973	ChrIV_A_nidulans_FGSC_A4:1438934-1440314	WT_5hasex	WT_veg	OK	889,437	3485,61	1,97045	-3,33453	0,00085443	0,00687766	yes
AN6976	ChrIV_A_nidulans_FGSC_A4:1417466-1418501	WT_5hasex	WT_veg	OK	585,73	915,364	0,644109	-1,24321	0,213791	0,47313	no
AN6977	ChrIV_A_nidulans_FGSC_A4:1415760-1416874	WT_5hasex	WT_veg	OK	33,2889	51,4719	0,628747	-1,20639	0,227667	0,490703	no
AN6979	ChrIV_A_nidulans_FGSC_A4:1410826-1412810	WT_5hasex	WT_veg	OK	13,6207	18,233	0,420759	-0,782112	0,434148	0,699878	no
AN6983	ChrIV_A_nidulans_FGSC_A4:1399389-1401920	WT_5hasex	WT_veg	OK	10,9206	14,0638	0,364932	-0,628697	0,529547	0,76917	no
AN6984	ChrIV_A_nidulans_FGSC_A4:1399389-1401920	WT_5hasex	WT_veg	OK	70,0526	110,44	0,656755	-1,33859	0,180705	0,427237	no
AN6985	ChrIV_A_nidulans_FGSC_A4:1396459-1398682	WT_5hasex	WT_veg	OK	39,2525	95,0265	1,27554	-2,63115	0,00850959	0,0458246	yes
AN6986	ChrIV_A_nidulans_FGSC_A4:1392257-1395895	WT_5hasex	WT_veg	OK	53,2525	81,6264	0,616188	-1,23829	0,215609	0,4755	no
AN6988	ChrIV_A_nidulans_FGSC_A4:1383541-1385063	WT_5hasex	WT_veg	OK	203,559	328,298	0,689561	-1,38498	0,16606	0,404701	no
AN6992	ChrIV_A_nidulans_FGSC_A4:1370429-1372429	WT_5hasex	WT_veg	OK	172,195	505,608	1,55397	-3,18427	0,00145122	0,0106837	yes
AN6993	ChrIV_A_nidulans_FGSC_A4:1370429-1372429	WT_5hasex	WT_veg	OK	37,7716	407,915	3,4329	-6,78498	1,161E-11	5,486E-10	yes
AN6995	ChrIV_A_nidulans_FGSC_A4:1366742-1367292	WT_5hasex	WT_veg	OK	12,4706	23,0993	0,889322	-1,10688	0,268346	0,540123	no
AN6996	ChrIV_A_nidulans_FGSC_A4:1363581-1366020	WT_5hasex	WT_veg	OK	103,153	300,414	1,54216	-2,93831	0,00330007	0,021182	yes
AN6997	ChrIV_A_nidulans_FGSC_A4:1362746-1363480	WT_5hasex	WT_veg	OK	9,39034	42,0891	2,1642	-3,26354	0,00110031	0,00850042	yes
AN6998	ChrIV_A_nidulans_FGSC_A4:1360243-1362224	WT_5hasex	WT_veg	OK	22,0311	41,0688	0,8985	-1,75741	0,0788484	0,245299	no
AN6999	ChrIV_A_nidulans_FGSC_A4:1357913-1359405	WT_5hasex	WT_veg	OK	6,08885	3,65369	-0,736817	1,03378	0,301238	0,576912	no

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AN7000	ChrIV_A_nidulans_FGSC_A4:1355401-1357641	WT_5hasex	WT_veg	OK	217,793	445,349	1,03198	-2,01518	0,0438856	0,161478	no
AN7001	ChrIV_A_nidulans_FGSC_A4:1353362-1354139	WT_5hasex	WT_veg	OK	32,3738	82,6909	1,3529	-2,48871	0,0128207	0,06338	no
AN7002	ChrIV_A_nidulans_FGSC_A4:1351117-1352989	WT_5hasex	WT_veg	OK	19,3042	27,6291	0,517269	-0,998699	0,31794	0,594113	no
AN7003	ChrIV_A_nidulans_FGSC_A4:1349558-1350939	WT_5hasex	WT_veg	OK	737,617	1201,89	0,704356	-1,28497	0,198802	0,452763	no
AN7004	ChrIV_A_nidulans_FGSC_A4:1346713-1348775	WT_5hasex	WT_veg	OK	32,8125	59,1774	0,850801	-1,63899	0,101215	0,291984	no
AN7005	ChrIV_A_nidulans_FGSC_A4:1342996-1345915	WT_5hasex	WT_veg	OK	11,9318	11,3266	-0,0751027	0,145133	0,884606	0,956034	no
AN7006	ChrIV_A_nidulans_FGSC_A4:1341675-1342850	WT_5hasex	WT_veg	OK	16,018	80,0664	2,3215	-4,0909	4,297E-05	0,00052549	yes
AN7007	ChrIV_A_nidulans_FGSC_A4:1337678-1341343	WT_5hasex	WT_veg	OK	15,6691	29,968	0,935495	-1,8642	0,0622929	0,207453	no
AN7009	ChrIV_A_nidulans_FGSC_A4:1333889-1335466	WT_5hasex	WT_veg	OK	9,57025	15,3279	0,679533	-1,13418	0,256719	0,526595	no
AN7010	ChrIV_A_nidulans_FGSC_A4:1332215-1333379	WT_5hasex	WT_veg	OK	91,5177	105,834	0,209674	-0,372241	0,709713	0,875027	no
AN7011	ChrIV_A_nidulans_FGSC_A4:1329617-1332058	WT_5hasex	WT_veg	OK	184,616	1437,49	2,96095	-5,767	8,0696E-09	2,3877E-07	yes
AN7012	ChrIV_A_nidulans_FGSC_A4:1327056-1328889	WT_5hasex	WT_veg	OK	15,5317	6,96757	-1,15648	1,96182	0,0497832	0,177022	no
AN7013	ChrIV_A_nidulans_FGSC_A4:1319320-1321626	WT_5hasex	WT_veg	OK	22,936	30,0766	0,391029	-0,778629	0,436198	0,701495	no
AN7014	ChrIV_A_nidulans_FGSC_A4:1314561-1319077	WT_5hasex	WT_veg	OK	25,1636	52,3399	1,05657	-2,17508	0,029624	0,120179	no
AN7015	ChrIV_A_nidulans_FGSC_A4:1311249-1312811	WT_5hasex	WT_veg	OK	21,0685	26,92	0,353587	-0,668639	0,503726	0,752308	no
AN7016	ChrIV_A_nidulans_FGSC_A4:1307441-1310462	WT_5hasex	WT_veg	OK	42,9318	58,9523	0,457502	-0,94247	0,345952	0,62136	no
AN7017	ChrIV_A_nidulans_FGSC_A4:1306234-1307415	WT_5hasex	WT_veg	OK	26,4169	115,597	2,12957	-4,11527	3,8673E-05	0,00047898	yes
AN7018	ChrIV_A_nidulans_FGSC_A4:1304199-1305340	WT_5hasex	WT_veg	OK	396,324	1423,47	1,84466	-3,304	0,00095316	0,00755177	yes
AN7020	ChrIV_A_nidulans_FGSC_A4:1294231-1294813	WT_5hasex	WT_veg	NOTEST	0,567348	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7021	ChrIV_A_nidulans_FGSC_A4:1290189-1291724	WT_5hasex	WT_veg	NOTEST	0,458902	1,44324	1,65306	-1,13731	0,25541	1	no
AN7023	ChrIV_A_nidulans_FGSC_A4:1284579-1285095	WT_5hasex	WT_veg	NOTEST	0,612567	2,29525	1,90571	-0,83829	0,401868	1	no
AN7024	ChrIV_A_nidulans_FGSC_A4:1283429-1283895	WT_5hasex	WT_veg	NOTEST	0	2,19771	1.79769e+308	1.79769e+308	0,123323	1	no
AN7025	ChrIV_A_nidulans_FGSC_A4:1279531-1280809	WT_5hasex	WT_veg	OK	112,154	228,468	1,02651	-1,96257	0,049696	0,176806	no
AN7026	ChrIV_A_nidulans_FGSC_A4:1275402-1277175	WT_5hasex	WT_veg	OK	52,6539	38,3008	-0,459167	0,90528	0,365317	0,640245	no
AN7027	ChrIV_A_nidulans_FGSC_A4:1267078-1268960	WT_5hasex	WT_veg	OK	15,9502	21,7931	0,450299	-0,789698	0,429704	0,696308	no
AN7028	ChrIV_A_nidulans_FGSC_A4:1263256-1266246	WT_5hasex	WT_veg	OK	27,9488	32,8672	0,23386	-0,475489	0,634438	0,832812	no
AN7029	ChrIV_A_nidulans_FGSC_A4:1259660-1261455	WT_5hasex	WT_veg	OK	24,1146	46,151	0,936455	-1,84047	0,0656988	0,215505	no
AN7031	ChrIV_A_nidulans_FGSC_A4:1252185-1254423	WT_5hasex	WT_veg	OK	61,0387	136,645	1,16264	-2,42297	0,015394	0,07293	no
AN7033	ChrIV_A_nidulans_FGSC_A4:1246083-1247524	WT_5hasex	WT_veg	OK	288,033	354,167	0,298198	-0,566766	0,570873	0,795614	no
AN7034	ChrIV_A_nidulans_FGSC_A4:1244194-1245253	WT_5hasex	WT_veg	OK	27,0006	48,3206	0,839646	-1,57521	0,115208	0,31867	no
AN7035	ChrIV_A_nidulans_FGSC_A4:1240694-1242035	WT_5hasex	WT_veg	OK	99,7442	140,49	0,494168	-1,01545	0,309893	0,586266	no
AN7037	ChrIV_A_nidulans_FGSC_A4:1230768-1232828	WT_5hasex	WT_veg	OK	63,7697	109,409	0,778792	-1,62516	0,104129	0,297897	no
AN7038	ChrIV_A_nidulans_FGSC_A4:1226318-1230484	WT_5hasex	WT_veg	OK	53,4959	46,4936	-0,202397	0,406579	0,684317	0,861078	no
AN7039	ChrIV_A_nidulans_FGSC_A4:1226318-1230484	WT_5hasex	WT_veg	OK	4,60771	2,47103	-0,898936	1,19206	0,233239	0,498071	no
AN7040	ChrIV_A_nidulans_FGSC_A4:1224816-1225465	WT_5hasex	WT_veg	OK	111,874	202,909	0,858951	-1,53	0,126016	0,338171	no
AN7041	ChrIV_A_nidulans_FGSC_A4:1219145-1221611	WT_5hasex	WT_veg	OK	181,388	341,303	0,911971	-1,78492	0,0742743	0,234962	no
AN7042	ChrIV_A_nidulans_FGSC_A4:1217117-1218401	WT_5hasex	WT_veg	OK	92,9631	719,107	2,95148	-5,65652	1,5448E-08	4,2853E-07	yes
AN7043	ChrIV_A_nidulans_FGSC_A4:1214980-1215688	WT_5hasex	WT_veg	OK	18,5044	53,2877	1,52594	-2,44807	0,0143624	0,0691742	no
AN7044	ChrIV_A_nidulans_FGSC_A4:1212970-1214154	WT_5hasex	WT_veg	OK	59,2757	114,612	0,951248	-1,83226	0,0669124	0,218382	no
AN7047	ChrIV_A_nidulans_FGSC_A4:1204086-1205534	WT_5hasex	WT_veg	OK	46,8966	59,9066	0,353232	-0,721092	0,470853	0,728523	no
AN7048	ChrIV_A_nidulans_FGSC_A4:1202192-1203844	WT_5hasex	WT_veg	OK	19,3923	43,3118	1,15928	-2,21712	0,0266149	0,110637	no
AN7049	ChrIV_A_nidulans_FGSC_A4:1198404-1201646	WT_5hasex	WT_veg	OK	20,2813	29,1809	0,524875	-1,06535	0,286718	0,560997	no
AN7052	ChrIV_A_nidulans_FGSC_A4:1188680-1189700	WT_5hasex	WT_veg	OK	29,2606	61,5617	1,07307	-1,98722	0,0468976	0,169813	no
AN7053	ChrIV_A_nidulans_FGSC_A4:1186736-1187625	WT_5hasex	WT_veg	OK	68,4721	12,9287	-2,40494	4,23017	2,3352E-05	0,00030592	yes
AN7055	ChrIV_A_nidulans_FGSC_A4:1181154-1182468	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7056	ChrIV_A_nidulans_FGSC_A4:1178548-1180588	WT_5hasex	WT_veg	NOTEST	0,108826	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7057	ChrIV_A_nidulans_FGSC_A4:1176282-1177669	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7058	ChrIV_A_nidulans_FGSC_A4:1174560-1175713	WT_5hasex	WT_veg	OK	10,0732	34,4938	1,77581	-2,39304	0,0167094	0,0777445	no
AN7059	ChrIV_A_nidulans_FGSC_A4:1162929-1163390	WT_5hasex	WT_veg	OK	2,13396	6,82516	1,67733	-1,5257	0,127086	0,340048	no
AN7060	ChrIV_A_nidulans_FGSC_A4:1160113-1162497	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7061	ChrIV_A_nidulans_FGSC_A4:1154227-1156765	WT_5hasex	WT_veg	NOTEST	0,101977	0,706873	2,79321	-1,35276	0,176131	1	no
AN7062	ChrIV_A_nidulans_FGSC_A4:1152369-1154145	WT_5hasex	WT_veg	NOTEST	0,13709	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7063	ChrIV_A_nidulans_FGSC_A4:1149508-1151518	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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AN7064	ChrIV_A_nidulans_FGSC_A4:1147968-1148977	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7067	ChrIV_A_nidulans_FGSC_A4:1139547-1141366	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7068	ChrIV_A_nidulans_FGSC_A4:1136894-1138898	WT_5hasex	WT_veg	NOTEST	0,265107	0,912698	1,78356	-1,26034	0,207546	1 no
AN7070	ChrIV_A_nidulans_FGSC_A4:1129967-1131258	WT_5hasex	WT_veg	NOTEST	0,663519	0	-1.79769e+308	-1.79769e+308	0,0537957	1 no
AN7071	ChrIV_A_nidulans_FGSC_A4:1123409-1129372	WT_5hasex	WT_veg	NOTEST	0,0951869	0,105933	0,154316	-0,0953589	0,92403	1 no
AN7072	ChrIV_A_nidulans_FGSC_A4:1121944-1122955	WT_5hasex	WT_veg	NOTEST	1,4297	0	-1.79769e+308	-1.79769e+308	0,0315813	1 no
AN7073	ChrIV_A_nidulans_FGSC_A4:1119358-1120517	WT_5hasex	WT_veg	NOTEST	1,16528	1,30354	0,161757	-0,124445	0,900963	1 no
AN7074	ChrIV_A_nidulans_FGSC_A4:1117930-1118991	WT_5hasex	WT_veg	OK	37,5991	75,743	1,01042	-1,96548	0,049359	0,176017 no
AN7075	ChrIV_A_nidulans_FGSC_A4:1115409-1117004	WT_5hasex	WT_veg	NOTEST	0,626777	0,417807	-0,585115	0,371332	0,71039	1 no
AN7076	ChrIV_A_nidulans_FGSC_A4:1109033-1110779	WT_5hasex	WT_veg	OK	8,55085	16,6065	0,957608	-1,57953	0,114215	0,317034 no
AN7078	ChrIV_A_nidulans_FGSC_A4:1103515-1106169	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7080	ChrIV_A_nidulans_FGSC_A4:1097284-1097835	WT_5hasex	WT_veg	OK	8,51791	23,8802	1,48724	-1,82479	0,0680323	0,22106 no
AN7081	ChrIV_A_nidulans_FGSC_A4:1093549-1095405	WT_5hasex	WT_veg	OK	7,66936	4,98352	-0,621941	0,969278	0,332406	0,608802 no
AN7083	ChrIV_A_nidulans_FGSC_A4:1087979-1088991	WT_5hasex	WT_veg	OK	1,36372	5,33803	1,96876	-1,8738	0,0609578	0,204495 no
AN7084	ChrIV_A_nidulans_FGSC_A4:1079493-1087114	WT_5hasex	WT_veg	NOTEST	1,08013	0,945758	-0,191666	0,264723	0,791223	1 no
AN7086	ChrIV_A_nidulans_FGSC_A4:1073451-1074907	WT_5hasex	WT_veg	OK	6,17408	6,99685	0,180482	-0,272661	0,785114	0,912391 no
AN7087	ChrIV_A_nidulans_FGSC_A4:1069341-1070163	WT_5hasex	WT_veg	NOTEST	1,57627	1,02754	-0,617322	0,411939	0,680384	1 no
AN7088	ChrIV_A_nidulans_FGSC_A4:1066220-1067945	WT_5hasex	WT_veg	NOTEST	0,235484	0,134921	-0,803517	0,251576	0,801369	1 no
AN7089	ChrIV_A_nidulans_FGSC_A4:1063752-1066075	WT_5hasex	WT_veg	NOTEST	0,250222	0,0868333	-1,52689	0,497657	0,618726	1 no
AN7090	ChrIV_A_nidulans_FGSC_A4:1056474-1057428	WT_5hasex	WT_veg	OK	3,88472	5,19037	0,418027	-0,494892	0,620676	0,824844 no
AN7091	ChrIV_A_nidulans_FGSC_A4:1053334-1056275	WT_5hasex	WT_veg	OK	9,94143	20,334	1,03237	-1,7996	0,0719245	0,229915 no
AN7092	ChrIV_A_nidulans_FGSC_A4:1050379-1052721	WT_5hasex	WT_veg	OK	12,0844	23,3165	0,948211	-1,58612	0,112712	0,314124 no
AN7093	ChrIV_A_nidulans_FGSC_A4:1044824-1046271	WT_5hasex	WT_veg	OK	6,6249	34,3786	2,37554	-3,59235	0,00032771	0,00303508 yes
AN7094	ChrIV_A_nidulans_FGSC_A4:1043037-1044388	WT_5hasex	WT_veg	NOTEST	0,881327	2,74315	1,63809	-1,53202	0,125517	1 no
AN7097	ChrIV_A_nidulans_FGSC_A4:1029074-1031494	WT_5hasex	WT_veg	NOTEST	0,10904	0	-1.79769e+308	-1.79769e+308	0,165569	1 no
AN7098	ChrIV_A_nidulans_FGSC_A4:1026876-1028457	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7099	ChrIV_A_nidulans_FGSC_A4:1023403-1026140	WT_5hasex	WT_veg	NOTEST	0,735913	1,48676	1,01457	-1,15938	0,246302	1 no
AN7101	ChrIV_A_nidulans_FGSC_A4:1016225-1017586	WT_5hasex	WT_veg	OK	144,244	244,077	0,758828	-1,57132	0,116108	0,320244 no
AN7102	ChrIV_A_nidulans_FGSC_A4:1014766-1015760	WT_5hasex	WT_veg	OK	282,556	77,7483	-1,86165	3,32905	0,00087142	0,0069951 yes
AN7104	ChrIV_A_nidulans_FGSC_A4:1004784-1008057	WT_5hasex	WT_veg	OK	37,0973	60,7124	0,710677	-1,48039	0,138769	0,360418 no
AN7105	ChrIV_A_nidulans_FGSC_A4:1000292-1003441	WT_5hasex	WT_veg	OK	103,683	316,234	1,60881	-3,16226	0,00156552	0,011386 yes
AN7106	ChrIV_A_nidulans_FGSC_A4:999335-1000192	WT_5hasex	WT_veg	OK	17,3133	14,541	-0,251754	0,40382	0,686345	0,861994 no
AN7107	ChrIV_A_nidulans_FGSC_A4:997319-999075	WT_5hasex	WT_veg	OK	1037,47	2244,76	1,11349	-1,86768	0,061807	0,206401 no
AN7108	ChrIV_A_nidulans_FGSC_A4:995641-996983	WT_5hasex	WT_veg	OK	122,153	468,789	1,94025	-3,97437	7,0566E-05	0,0008095 yes
AN7109	ChrIV_A_nidulans_FGSC_A4:992957-993596	WT_5hasex	WT_veg	OK	18,2825	25,729	0,492936	-0,775797	0,437869	0,702633 no
AN7110	ChrIV_A_nidulans_FGSC_A4:991251-991881	WT_5hasex	WT_veg	OK	21,2588	13,1051	-0,697934	1,03894	0,298834	0,574198 no
AN7112	ChrIV_A_nidulans_FGSC_A4:984711-986813	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7113	ChrIV_A_nidulans_FGSC_A4:982371-984060	WT_5hasex	WT_veg	NOTEST	0,790349	1,54952	0,97126	-0,947287	0,343493	1 no
AN7115	ChrIV_A_nidulans_FGSC_A4:973494-974865	WT_5hasex	WT_veg	NOTEST	1,3235	2,51752	0,92764	-1,0123	0,311393	1 no
AN7116	ChrIV_A_nidulans_FGSC_A4:967369-967852	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7117	ChrIV_A_nidulans_FGSC_A4:963428-964988	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7118	ChrIV_A_nidulans_FGSC_A4:959853-962930	WT_5hasex	WT_veg	NOTEST	0,0764922	0,533375	2,80177	-1,35691	0,17481	1 no
AN7119	ChrIV_A_nidulans_FGSC_A4:955246-956887	WT_5hasex	WT_veg	NOTEST	0,105714	0	-1.79769e+308	-1.79769e+308	0,165569	1 no
AN7120	ChrIV_A_nidulans_FGSC_A4:952711-954715	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
AN7121	ChrIV_A_nidulans_FGSC_A4:945462-947146	WT_5hasex	WT_veg	NOTEST	0	0,497622	1.79769e+308	1.79769e+308	0,123323	1 no
AN7124	ChrIV_A_nidulans_FGSC_A4:935193-935825	WT_5hasex	WT_veg	OK	3,81866	17,5976	2,20424	-2,79355	0,00521324	0,030764 yes
AN7126	ChrIV_A_nidulans_FGSC_A4:927660-930192	WT_5hasex	WT_veg	NOTEST	0,652258	1,40273	1,10472	-1,18668	0,235355	1 no
AN7128	ChrIV_A_nidulans_FGSC_A4:922287-923115	WT_5hasex	WT_veg	OK	4,71841	30,8601	2,70937	-3,40772	0,00065509	0,00547499 yes
AN7129	ChrIV_A_nidulans_FGSC_A4:909100-912154	WT_5hasex	WT_veg	NOTEST	1,90834	0,781606	-1,2878	1,45714	0,145078	1 no
AN7130	ChrIV_A_nidulans_FGSC_A4:907467-908264	WT_5hasex	WT_veg	OK	5,39322	1,42403	-1,92117	1,51764	0,129105	0,343768 no
AN7133	ChrIV_A_nidulans_FGSC_A4:898898-900564	WT_5hasex	WT_veg	OK	6,16576	6,44208	0,0632481	-0,0809222	0,935504	0,975645 no
AN7137	ChrIV_A_nidulans_FGSC_A4:880495-882281	WT_5hasex	WT_veg	OK	6,56761	4,37121	-0,587336	0,852306	0,394044	0,667185 no
AN7138	ChrIV_A_nidulans_FGSC_A4:877523-879437	WT_5hasex	WT_veg	OK	143,534	366,275	1,35153	-2,75095	0,00594224	0,0342144 yes

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AN7139	ChrIV_A_nidulans_FGSC_A4:875076-876869	WT_5hasex	WT_veg	OK	249,011	936,525	1,91111	-3,63538	0,00027757	0,00263929	yes
AN7140	ChrIV_A_nidulans_FGSC_A4:873731-875074	WT_5hasex	WT_veg	OK	22,5513	22,6286	0,00493339	-0,00800041	0,993617	0,997628	no
AN7141	ChrIV_A_nidulans_FGSC_A4:871311-872865	WT_5hasex	WT_veg	OK	114,442	93,2081	-0,296093	0,57293	0,566692	0,793242	no
AN7143	ChrIV_A_nidulans_FGSC_A4:867649-869175	WT_5hasex	WT_veg	OK	111,927	333,897	1,57684	-3,07984	0,00207111	0,0143863	yes
AN7144	ChrIV_A_nidulans_FGSC_A4:866868-867401	WT_5hasex	WT_veg	OK	76,3123	206,389	1,43538	-2,62742	0,00860362	0,0462365	yes
AN7145	ChrIV_A_nidulans_FGSC_A4:865146-866381	WT_5hasex	WT_veg	OK	29,19	86,5393	1,56788	-3,05124	0,00227896	0,0155639	yes
AN7146	ChrIV_A_nidulans_FGSC_A4:863024-864617	WT_5hasex	WT_veg	OK	141,623	152,345	0,105287	-0,213875	0,830645	0,93262	no
AN7147	ChrIV_A_nidulans_FGSC_A4:861215-862519	WT_5hasex	WT_veg	OK	1,45213	4,6677	1,68454	-1,964	0,0495299	0,17643	no
AN7148	ChrIV_A_nidulans_FGSC_A4:859166-860251	WT_5hasex	WT_veg	OK	562,463	542,564	-0,0519642	0,0910855	0,927425	0,972425	no
AN7149	ChrIV_A_nidulans_FGSC_A4:857581-859129	WT_5hasex	WT_veg	OK	58,8719	273,29	2,21478	-4,31713	1,5807E-05	0,00021735	yes
AN7150	ChrIV_A_nidulans_FGSC_A4:853773-855593	WT_5hasex	WT_veg	OK	16,4619	22,6618	0,461132	-0,848074	0,396397	0,669472	no
AN7153	ChrIV_A_nidulans_FGSC_A4:842618-844474	WT_5hasex	WT_veg	NOTEST	0,133552	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7154	ChrIV_A_nidulans_FGSC_A4:839899-840785	WT_5hasex	WT_veg	NOTEST	0,225773	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7155	ChrIV_A_nidulans_FGSC_A4:838294-838837	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7156	ChrIV_A_nidulans_FGSC_A4:835323-836607	WT_5hasex	WT_veg	OK	2,62559	4,74543	0,853898	-1,10437	0,269431	0,541263	no
AN7157	ChrIV_A_nidulans_FGSC_A4:834082-834767	WT_5hasex	WT_veg	OK	1,61441	5,32537	1,72188	-1,55477	0,120001	0,327703	no
AN7158	ChrIV_A_nidulans_FGSC_A4:830822-832398	WT_5hasex	WT_veg	OK	278,969	948,37	1,76534	-3,3536	0,00079768	0,00647708	yes
AN7159	ChrIV_A_nidulans_FGSC_A4:828895-830777	WT_5hasex	WT_veg	OK	116,706	61,8117	-0,916927	1,66148	0,0966169	0,282374	no
AN7160	ChrIV_A_nidulans_FGSC_A4:825587-827014	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7161	ChrIV_A_nidulans_FGSC_A4:822785-824017	WT_5hasex	WT_veg	NOTEST	0,155946	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7162	ChrIV_A_nidulans_FGSC_A4:818305-819177	WT_5hasex	WT_veg	OK	12,061	79,9013	2,72787	-4,09452	4,2305E-05	0,00051832	yes
AN7164	ChrIV_A_nidulans_FGSC_A4:811513-814211	WT_5hasex	WT_veg	OK	4,292	21,3541	2,31479	-3,29107	0,00099806	0,00783881	yes
AN7165	ChrIV_A_nidulans_FGSC_A4:808449-810991	WT_5hasex	WT_veg	OK	40,9125	142,306	1,79838	-3,6145	0,00030093	0,00282757	yes
AN7166	ChrIV_A_nidulans_FGSC_A4:806499-807449	WT_5hasex	WT_veg	OK	2117,49	6984,52	1,7218	-2,37982	0,0173213	0,0798726	no
AN7167	ChrIV_A_nidulans_FGSC_A4:803240-804872	WT_5hasex	WT_veg	NOTEST	0,485443	0,771852	0,669022	-0,510177	0,609927	1	no
AN7170	ChrIV_A_nidulans_FGSC_A4:791887-793316	WT_5hasex	WT_veg	OK	3202,87	9343,43	1,54459	-1,65379	0,0981701	0,285573	no
AN7171	ChrIV_A_nidulans_FGSC_A4:787081-787774	WT_5hasex	WT_veg	NOTEST	0,39073	1,72782	2,14471	-0,902199	0,366951	1	no
AN7172	ChrIV_A_nidulans_FGSC_A4:783358-786621	WT_5hasex	WT_veg	OK	6,40565	29,168	2,18697	-3,88471	0,00010245	0,00111918	yes
AN7173	ChrIV_A_nidulans_FGSC_A4:778930-781084	WT_5hasex	WT_veg	OK	206,061	684,33	1,73162	-3,30123	0,00096261	0,00760756	yes
AN7174	ChrIV_A_nidulans_FGSC_A4:775367-776878	WT_5hasex	WT_veg	OK	23,8109	49,6838	1,06115	-1,98974	0,0466199	0,169029	no
AN7175	ChrIV_A_nidulans_FGSC_A4:770762-772266	WT_5hasex	WT_veg	NOTEST	0,399776	0,477513	0,256348	-0,110091	0,912337	1	no
AN7176	ChrIV_A_nidulans_FGSC_A4:769643-770403	WT_5hasex	WT_veg	OK	1,26923	4,08312	1,68572	-1,35031	0,176917	0,421781	no
AN7177	ChrIV_A_nidulans_FGSC_A4:767808-768838	WT_5hasex	WT_veg	OK	214,785	674,301	1,6505	-3,36	0,00077942	0,00634898	yes
AN7178	ChrIV_A_nidulans_FGSC_A4:765428-766421	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7179	ChrIV_A_nidulans_FGSC_A4:763021-764220	WT_5hasex	WT_veg	NOTEST	0,250626	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7180	ChrIV_A_nidulans_FGSC_A4:759368-760095	WT_5hasex	WT_veg	OK	2,30551	2,59029	0,168032	-0,136348	0,891546	0,958766	no
AN7181	ChrIV_A_nidulans_FGSC_A4:757009-758509	WT_5hasex	WT_veg	OK	146,045	217,034	0,571514	-0,858102	0,390836	0,664028	no
AN7183	ChrIV_A_nidulans_FGSC_A4:753001-754115	WT_5hasex	WT_veg	OK	153,662	617,043	2,00561	-3,841	0,00012254	0,00131176	yes
AN7184	ChrIV_A_nidulans_FGSC_A4:750820-752111	WT_5hasex	WT_veg	OK	15,7052	46,8295	1,57618	-2,75763	0,00582227	0,0336791	yes
AN7185	ChrIV_A_nidulans_FGSC_A4:747495-750077	WT_5hasex	WT_veg	OK	109,237	230,731	1,07876	-2,16994	0,0300114	0,121422	no
AN7186	ChrIV_A_nidulans_FGSC_A4:744462-745369	WT_5hasex	WT_veg	OK	4,76716	9,00777	0,918039	-1,21571	0,224096	0,486062	no
AN7187	ChrIV_A_nidulans_FGSC_A4:743129-744284	WT_5hasex	WT_veg	OK	5,54925	11,6807	1,07377	-1,51985	0,128548	0,342791	no
AN7188	ChrIV_A_nidulans_FGSC_A4:739468-742330	WT_5hasex	WT_veg	OK	18,8048	49,7408	1,40333	-2,70939	0,00674067	0,0380056	yes
AN7189	ChrIV_A_nidulans_FGSC_A4:737159-739325	WT_5hasex	WT_veg	OK	13,1801	10,7831	-0,289583	0,53954	0,589514	0,806864	no
AN7190	ChrIV_A_nidulans_FGSC_A4:733382-735312	WT_5hasex	WT_veg	OK	13,0499	14,3868	0,140705	-0,248216	0,803967	0,921125	no
AN7191	ChrIV_A_nidulans_FGSC_A4:730546-732070	WT_5hasex	WT_veg	NOTEST	0,656069	1,36059	1,05231	-0,803243	0,421834	1	no
AN7192	ChrIV_A_nidulans_FGSC_A4:729036-730180	WT_5hasex	WT_veg	OK	48,8926	84,5293	0,789835	-1,54048	0,123444	0,33351	no
AN7193	ChrIV_A_nidulans_FGSC_A4:724170-725466	WT_5hasex	WT_veg	OK	145,982	229,01	0,649619	-1,21331	0,225011	0,487252	no
AN7194	ChrIV_A_nidulans_FGSC_A4:722919-724092	WT_5hasex	WT_veg	OK	135,971	157,95	0,216177	-0,416436	0,677091	0,856738	no
AN7199	ChrIV_A_nidulans_FGSC_A4:703634-704901	WT_5hasex	WT_veg	OK	35,638	53,0737	0,574582	-1,0236	0,306026	0,582189	no
AN7200	ChrIV_A_nidulans_FGSC_A4:700878-702590	WT_5hasex	WT_veg	OK	0,606272	21,4411	5,14427	-5,86902	4,3838E-09	1,3649E-07	yes
AN7201	ChrIV_A_nidulans_FGSC_A4:698180-700330	WT_5hasex	WT_veg	NOTEST	0,260671	1,00936	1,695314	-1,61875	0,105501	1	no
AN7202	ChrIV_A_nidulans_FGSC_A4:695825-696711	WT_5hasex	WT_veg	NOTEST	0,284061	0	-1.79769e+308	-1.79769e+308	0,23809	1	no

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AN7203	ChrIV_A_nidulans_FGSC_A4:692684-694948	WT_5hasex	WT_veg	OK	3,83525	2,04158	-0,909632	0,955359	0,339396	0,615314	no
AN7205	ChrIV_A_nidulans_FGSC_A4:688812-690441	WT_5hasex	WT_veg	OK	32,4184	150,305	2,21301	-4,37338	1,2234E-05	0,00017187	yes
AN7207	ChrIV_A_nidulans_FGSC_A4:686344-688637	WT_5hasex	WT_veg	NOTEST	0	0,257074	1.79769e+308	1.79769e+308	0,446473	1	no
AN7208	ChrIV_A_nidulans_FGSC_A4:680308-680875	WT_5hasex	WT_veg	OK	104,71	69,75	-0,586141	1,12994	0,258501	0,528468	no
AN7211	ChrIV_A_nidulans_FGSC_A4:668299-669490	WT_5hasex	WT_veg	OK	66,5686	26,4903	-1,32938	2,6237	0,00869791	0,0466556	yes
AN7212	ChrIV_A_nidulans_FGSC_A4:666910-667376	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7213	ChrIV_A_nidulans_FGSC_A4:664761-666483	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7214	ChrIV_A_nidulans_FGSC_A4:661855-663287	WT_5hasex	WT_veg	OK	69,2554	57,6609	-0,264335	0,538198	0,590441	0,807328	no
AN7215	ChrIV_A_nidulans_FGSC_A4:660243-660973	WT_5hasex	WT_veg	OK	2,77362	4,95286	0,836492	-0,737133	0,461041	0,720964	no
AN7217	ChrIV_A_nidulans_FGSC_A4:648854-650426	WT_5hasex	WT_veg	OK	638,58	658,217	0,0436971	-0,08242	0,934313	0,97516	no
AN7218	ChrIV_A_nidulans_FGSC_A4:643927-645142	WT_5hasex	WT_veg	NOTEST	0,629208	0,162698	-1,95134	0,629108	0,529278	1	no
AN7219	ChrIV_A_nidulans_FGSC_A4:642415-643791	WT_5hasex	WT_veg	NOTEST	0,50851	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN7220	ChrIV_A_nidulans_FGSC_A4:641374-642096	WT_5hasex	WT_veg	OK	1,3031	4,36657	1,74456	-1,58866	0,112137	0,313054	no
AN7221	ChrIV_A_nidulans_FGSC_A4:637537-638398	WT_5hasex	WT_veg	NOTEST	0,708165	2,56885	1,85897	-0,817728	0,413512	1	no
AN7222	ChrIV_A_nidulans_FGSC_A4:630008-636437	WT_5hasex	WT_veg	OK	24,2642	96,0689	1,98524	-3,14223	0,00167668	0,0120523	yes
AN7223	ChrIV_A_nidulans_FGSC_A4:625795-627452	WT_5hasex	WT_veg	OK	16,6868	16,844	0,0135258	-0,0229913	0,981657	0,993423	no
AN7225	ChrIV_A_nidulans_FGSC_A4:619554-621409	WT_5hasex	WT_veg	OK	99,2809	22,311	-2,15376	4,36286	1,2838E-05	0,00017934	yes
AN7227	ChrIV_A_nidulans_FGSC_A4:612868-614498	WT_5hasex	WT_veg	OK	6,62153	5,04992	-0,390905	0,554193	0,579447	0,800701	no
AN7228	ChrIV_A_nidulans_FGSC_A4:610033-611919	WT_5hasex	WT_veg	OK	28,7373	12,8075	-1,16593	2,21081	0,0270491	0,111961	no
AN7229	ChrIV_A_nidulans_FGSC_A4:605812-608665	WT_5hasex	WT_veg	OK	18,7308	17,3436	-0,111007	0,225437	0,821639	0,928701	no
AN7230	ChrIV_A_nidulans_FGSC_A4:602001-604722	WT_5hasex	WT_veg	NOTEST	0,363965	0,569776	0,646596	-0,54695	0,584413	1	no
AN7231	ChrIV_A_nidulans_FGSC_A4:600144-601704	WT_5hasex	WT_veg	OK	91,442	235,721	1,36615	-2,39309	0,0167074	0,0777445	no
AN7232	ChrIV_A_nidulans_FGSC_A4:595786-597055	WT_5hasex	WT_veg	OK	9,26034	3,89687	-1,24875	1,66838	0,0952394	0,279734	no
AN7233	ChrIV_A_nidulans_FGSC_A4:592961-593997	WT_5hasex	WT_veg	OK	37,865	8,50198	-2,155	3,59152	0,00032875	0,00304151	yes
AN7234	ChrIV_A_nidulans_FGSC_A4:590432-591116	WT_5hasex	WT_veg	NOTEST	0,706349	1,25736	0,831948	-0,487931	0,625599	1	no
AN7235	ChrIV_A_nidulans_FGSC_A4:587648-588870	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7236	ChrIV_A_nidulans_FGSC_A4:585841-586480	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7237	ChrIV_A_nidulans_FGSC_A4:582580-584421	WT_5hasex	WT_veg	NOTEST	0,457453	0	-1.79769e+308	-1.79769e+308	0,0717459	1	no
AN7238	ChrIV_A_nidulans_FGSC_A4:580785-581863	WT_5hasex	WT_veg	NOTEST	0,182051	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7239	ChrIV_A_nidulans_FGSC_A4:578381-579655	WT_5hasex	WT_veg	OK	2,80661	5,64899	1,00916	-1,26543	0,205718	0,462285	no
AN7240	ChrIV_A_nidulans_FGSC_A4:576572-578078	WT_5hasex	WT_veg	NOTEST	1,07933	2,81412	1,38256	-1,40959	0,158662	1	no
AN7241	ChrIV_A_nidulans_FGSC_A4:573782-575957	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7242	ChrIV_A_nidulans_FGSC_A4:571152-572847	WT_5hasex	WT_veg	NOTEST	1,96529	3,45187	0,812632	-1,01827	0,308552	1	no
AN7243	ChrIV_A_nidulans_FGSC_A4:568369-570473	WT_5hasex	WT_veg	OK	3,48583	2,88546	-0,272701	0,360978	0,718116	0,879161	no
AN7244	ChrIV_A_nidulans_FGSC_A4:567001-567412	WT_5hasex	WT_veg	NOTEST	0,793248	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7245	ChrIV_A_nidulans_FGSC_A4:565175-566651	WT_5hasex	WT_veg	NOTEST	1,45906	0,99771	-0,548345	0,464742	0,642116	1	no
AN7246	ChrIV_A_nidulans_FGSC_A4:557458-564702	WT_5hasex	WT_veg	OK	3,41272	3,18872	-0,0979428	0,159257	0,873466	0,951568	no
AN7247	ChrIV_A_nidulans_FGSC_A4:554421-555337	WT_5hasex	WT_veg	OK	10,5347	12,6274	0,261413	-0,37532	0,707422	0,873667	no
AN7248	ChrIV_A_nidulans_FGSC_A4:544884-547816	WT_5hasex	WT_veg	OK	8,54662	40,7011	2,25164	-4,16961	3,0512E-05	0,00038921	yes
AN7251	ChrIV_A_nidulans_FGSC_A4:530811-532753	WT_5hasex	WT_veg	OK	6,40642	3,47223	-0,883657	1,22218	0,221638	0,483204	no
AN7252	ChrIV_A_nidulans_FGSC_A4:526908-528748	WT_5hasex	WT_veg	OK	16,0078	45,7669	1,51553	-2,8204	0,00479634	0,0287784	yes
AN7253	ChrIV_A_nidulans_FGSC_A4:523615-524248	WT_5hasex	WT_veg	OK	9,34407	19,4146	1,05502	-1,53358	0,125133	0,336544	no
AN7254	ChrIV_A_nidulans_FGSC_A4:520306-523398	WT_5hasex	WT_veg	OK	241,069	490,686	1,02535	-1,90354	0,0569702	0,194663	no
AN7255	ChrIV_A_nidulans_FGSC_A4:518840-519545	WT_5hasex	WT_veg	OK	18,3191	35,6331	0,959872	-1,57179	0,115998	0,320061	no
AN7256	ChrIV_A_nidulans_FGSC_A4:517452-518659	WT_5hasex	WT_veg	OK	27,2991	48,5319	0,830077	-1,49325	0,135371	0,354669	no
AN7257	ChrIV_A_nidulans_FGSC_A4:515952-516903	WT_5hasex	WT_veg	OK	6,93669	20,8629	1,58862	-2,37325	0,0176322	0,0808603	no
AN7258	ChrIV_A_nidulans_FGSC_A4:513717-515387	WT_5hasex	WT_veg	OK	144,114	234,473	0,702211	-1,39544	0,162883	0,399467	no
AN7259	ChrIV_A_nidulans_FGSC_A4:511873-513478	WT_5hasex	WT_veg	OK	112,123	254,434	1,18221	-2,43648	0,0148309	0,0709194	no
AN7260	ChrIV_A_nidulans_FGSC_A4:509275-511336	WT_5hasex	WT_veg	OK	9,22572	63,1114	2,77417	-4,93857	7,8698E-07	1,4856E-05	yes
AN7261	ChrIV_A_nidulans_FGSC_A4:505552-508602	WT_5hasex	WT_veg	NOTEST	0,560482	0,726942	0,375174	-0,369939	0,711428	1	no
AN7262	ChrIV_A_nidulans_FGSC_A4:499792-504603	WT_5hasex	WT_veg	OK	32,3087	44,4868	0,461457	-0,900669	0,367764	0,642575	no
AN7263	ChrIV_A_nidulans_FGSC_A4:495897-496749	WT_5hasex	WT_veg	OK	42,5327	82,0815	0,948484	-1,5557	0,11978	0,327355	no
AN7264	ChrIV_A_nidulans_FGSC_A4:489843-491030	WT_5hasex	WT_veg	OK	36,3898	106,383	1,54766	-2,5455	0,0109122	0,0557872	no

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AN7265	ChrIV_A_nidulans_FGSC_A4:488659-489559	WT_5hasex	WT_veg	OK	23,6458	70,5364	1,57678	-2,27768	0,0227455	0,0981317	no
AN7266	ChrIV_A_nidulans_FGSC_A4:486819-487309	WT_5hasex	WT_veg	OK	83,8798	204,041	1,28246	-2,02063	0,0433183	0,159981	no
AN7267	ChrIV_A_nidulans_FGSC_A4:485028-486678	WT_5hasex	WT_veg	OK	7,06031	9,38921	0,411272	-0,569452	0,569049	0,794658	no
AN7268	ChrIV_A_nidulans_FGSC_A4:482367-484824	WT_5hasex	WT_veg	OK	35,0098	40,1302	0,196931	-0,299812	0,764321	0,902888	no
AN7269	ChrIV_A_nidulans_FGSC_A4:482367-484824	WT_5hasex	WT_veg	OK	36,2494	68,298	0,913886	-1,4592	0,144511	0,370193	no
AN7270	ChrIV_A_nidulans_FGSC_A4:480493-481307	WT_5hasex	WT_veg	OK	17,4947	23,5511	0,42888	-0,56909	0,569295	0,79472	no
AN7271	ChrIV_A_nidulans_FGSC_A4:477990-479274	WT_5hasex	WT_veg	OK	8,10969	7,09988	-0,191852	0,288203	0,773192	0,907004	no
AN7272	ChrIV_A_nidulans_FGSC_A4:475192-477794	WT_5hasex	WT_veg	NOTEST	0,776695	0,595957	-0,38214	0,299901	0,764253	1	no
AN7273	ChrIV_A_nidulans_FGSC_A4:472156-472936	WT_5hasex	WT_veg	OK	34,1603	42,201	0,304959	-0,558402	0,57657	0,798893	no
AN7274	ChrIV_A_nidulans_FGSC_A4:466585-468191	WT_5hasex	WT_veg	OK	19,532	19,9137	0,0279246	-0,0524315	0,958185	0,984468	no
AN7275	ChrIV_A_nidulans_FGSC_A4:458667-460218	WT_5hasex	WT_veg	NOTEST	0,435866	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN7278	ChrIV_A_nidulans_FGSC_A4:440157-441951	WT_5hasex	WT_veg	OK	100,501	21,9712	-2,19352	4,39358	0,00001115	0,00015826	yes
AN7279	ChrIV_A_nidulans_FGSC_A4:437760-439097	WT_5hasex	WT_veg	NOTEST	1,7035	1,02748	-0,729401	0,600224	0,548357	1	no
AN7280	ChrIV_A_nidulans_FGSC_A4:425978-432176	WT_5hasex	WT_veg	NOTEST	0,135342	0,621608	2,19939	-2,12519	0,0335707	1	no
AN7281	ChrIV_A_nidulans_FGSC_A4:423979-424446	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7282	ChrIV_A_nidulans_FGSC_A4:421674-423499	WT_5hasex	WT_veg	NOTEST	0,647618	0,121072	-2,41928	0,795737	0,426185	1	no
AN7283	ChrIV_A_nidulans_FGSC_A4:419012-419584	WT_5hasex	WT_veg	OK	34,1757	85,8637	1,32908	-2,20747	0,027281	0,112707	no
AN7285	ChrIV_A_nidulans_FGSC_A4:413218-414702	WT_5hasex	WT_veg	OK	25,8384	33,5206	0,375529	-0,733875	0,463025	0,722375	no
AN7286	ChrIV_A_nidulans_FGSC_A4:411854-413120	WT_5hasex	WT_veg	OK	5,43615	14,7804	1,44302	-2,13452	0,0328005	0,129974	no
AN7288	ChrIV_A_nidulans_FGSC_A4:404585-406644	WT_5hasex	WT_veg	OK	3,5824	0,796094	-2,16992	2,16291	0,030548	0,123033	no
AN7289	ChrIV_A_nidulans_FGSC_A4:401440-402888	WT_5hasex	WT_veg	OK	159,759	271,052	0,762675	-1,55584	0,119747	0,327325	no
AN7290	ChrIV_A_nidulans_FGSC_A4:401007-401334	WT_5hasex	WT_veg	OK	34,9321	53,7303	0,621182	-0,94798	0,343139	0,618548	no
AN7291	ChrIV_A_nidulans_FGSC_A4:399475-400576	WT_5hasex	WT_veg	OK	26,6726	58,2993	1,12812	-2,107	0,0351178	0,136862	no
AN7292	ChrIV_A_nidulans_FGSC_A4:397594-399064	WT_5hasex	WT_veg	OK	9,06023	27,5255	1,60315	-2,47605	0,0132846	0,0651757	no
AN7293	ChrIV_A_nidulans_FGSC_A4:396000-397514	WT_5hasex	WT_veg	OK	40,9306	200,611	2,29315	-4,63012	3,6545E-06	5,8413E-05	yes
AN7294	ChrIV_A_nidulans_FGSC_A4:391813-393801	WT_5hasex	WT_veg	OK	37,7655	57,9992	0,618966	-1,27054	0,203891	0,459954	no
AN7295	ChrIV_A_nidulans_FGSC_A4:388511-390311	WT_5hasex	WT_veg	OK	156,909	318,383	1,02084	-1,5902	0,111789	0,312442	no
AN7297	ChrIV_A_nidulans_FGSC_A4:379394-382357	WT_5hasex	WT_veg	OK	27,471	46,0234	0,744459	-1,54488	0,122376	0,331923	no
AN7298	ChrIV_A_nidulans_FGSC_A4:377208-378417	WT_5hasex	WT_veg	OK	59,7742	85,5346	0,516985	-1,0463	0,295422	0,570359	no
AN7299	ChrIV_A_nidulans_FGSC_A4:374507-376442	WT_5hasex	WT_veg	OK	210,068	251,038	0,257054	-0,514383	0,606984	0,817431	no
AN7300	ChrIV_A_nidulans_FGSC_A4:369108-371767	WT_5hasex	WT_veg	OK	11,528	23,4019	1,02148	-1,95743	0,0502969	0,178298	no
AN7302	ChrIV_A_nidulans_FGSC_A4:363988-365732	WT_5hasex	WT_veg	OK	46,5895	39,8955	-0,223778	0,443695	0,657263	0,845573	no
AN7303	ChrIV_A_nidulans_FGSC_A4:358225-361513	WT_5hasex	WT_veg	OK	10,6236	27,597	1,37724	-2,67033	0,00757777	0,0417594	yes
AN7304	ChrIV_A_nidulans_FGSC_A4:355734-357255	WT_5hasex	WT_veg	OK	35,2218	92,4268	1,39184	-2,82425	0,0047392	0,0285026	yes
AN7305	ChrIV_A_nidulans_FGSC_A4:354052-355372	WT_5hasex	WT_veg	OK	30,7089	82,5274	1,42622	-2,77969	0,00544111	0,0318291	yes
AN7307	ChrIV_A_nidulans_FGSC_A4:347845-349585	WT_5hasex	WT_veg	OK	12,486	17,8304	0,514033	-0,866797	0,386053	0,659773	no
AN7308	ChrIV_A_nidulans_FGSC_A4:345700-347439	WT_5hasex	WT_veg	OK	17,3466	28,8759	0,735218	-1,34388	0,178987	0,424593	no
AN7310	ChrIV_A_nidulans_FGSC_A4:342205-345524	WT_5hasex	WT_veg	OK	24,6119	47,9671	0,962692	-1,8144	0,0696163	0,224591	no
AN7311	ChrIV_A_nidulans_FGSC_A4:339252-341846	WT_5hasex	WT_veg	OK	24,7946	32,8599	0,406302	-0,823795	0,410056	0,680061	no
AN7313	ChrIV_A_nidulans_FGSC_A4:333331-334959	WT_5hasex	WT_veg	NOTEST	1,24302	2,94084	1,24238	-1,30352	0,192399	1	no
AN7314	ChrIV_A_nidulans_FGSC_A4:329343-332649	WT_5hasex	WT_veg	OK	18,4823	25,8222	0,482468	-0,98386	0,325184	0,601864	no
AN7315	ChrIV_A_nidulans_FGSC_A4:324522-326053	WT_5hasex	WT_veg	OK	16,1113	24,2375	0,589165	-1,06253	0,287995	0,562434	no
AN7316	ChrIV_A_nidulans_FGSC_A4:322992-324008	WT_5hasex	WT_veg	OK	13,4361	41,408	1,62379	-2,40887	0,0160018	0,0752046	no
AN7317	ChrIV_A_nidulans_FGSC_A4:320864-321880	WT_5hasex	WT_veg	NOTEST	0,343743	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7318	ChrIV_A_nidulans_FGSC_A4:319472-320127	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7319	ChrIV_A_nidulans_FGSC_A4:315161-316819	WT_5hasex	WT_veg	NOTEST	0,292433	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7320	ChrIV_A_nidulans_FGSC_A4:312971-314539	WT_5hasex	WT_veg	OK	3,88204	4,82192	0,312793	-0,426436	0,66979	0,852295	no
AN7321	ChrIV_A_nidulans_FGSC_A4:309882-312381	WT_5hasex	WT_veg	OK	23,6999	55,9099	1,23822	-2,52705	0,0115025	0,0582021	no
AN7322	ChrIV_A_nidulans_FGSC_A4:307281-308274	WT_5hasex	WT_veg	NOTEST	1,327	3,86447	1,54211	-1,41922	0,155836	1	no
AN7323	ChrIV_A_nidulans_FGSC_A4:305782-306522	WT_5hasex	WT_veg	OK	6,08953	2,34176	-1,37874	1,26794	0,204821	0,461198	no
AN7324	ChrIV_A_nidulans_FGSC_A4:303873-305090	WT_5hasex	WT_veg	OK	45,9877	53,4209	0,216156	-0,410157	0,681691	0,859498	no
AN7325	ChrIV_A_nidulans_FGSC_A4:300045-303443	WT_5hasex	WT_veg	OK	21,2537	38,3485	0,851457	-1,73027	0,0835822	0,255625	no
AN7326	ChrIV_A_nidulans_FGSC_A4:297625-299758	WT_5hasex	WT_veg	OK	11,6193	32,078	1,46507	-2,5258	0,0115434	0,0583509	no

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AN7327	ChrIV_A_nidulans_FGSC_A4:295200-295978	WT_5hasex	WT_veg	OK	1,84322	8,64665	2,22991	-2,52537	0,0115577	0,0583981	no
AN7328	ChrIV_A_nidulans_FGSC_A4:292827-293481	WT_5hasex	WT_veg	OK	22,9268	44,1696	0,946022	-1,54171	0,123143	0,333193	no
AN7329	ChrIV_A_nidulans_FGSC_A4:288846-291507	WT_5hasex	WT_veg	OK	2228,38	2745,27	0,300949	-0,410442	0,681482	0,859409	no
AN7330	ChrIV_A_nidulans_FGSC_A4:288846-291507	WT_5hasex	WT_veg	OK	8,53197	9,02771	0,0814814	-0,116355	0,907371	0,964583	no
AN7331	ChrIV_A_nidulans_FGSC_A4:287920-288464	WT_5hasex	WT_veg	OK	135,202	297,341	1,137	-2,01879	0,0435087	0,160458	no
AN7332	ChrIV_A_nidulans_FGSC_A4:284406-286847	WT_5hasex	WT_veg	OK	15,4699	4,53317	-1,77088	3,21261	0,00131536	0,00984398	yes
AN7333	ChrIV_A_nidulans_FGSC_A4:281426-283027	WT_5hasex	WT_veg	NOTEST	0,858317	0	-1.79769e+308	-1.79769e+308	0,0687549	1	no
AN7334	ChrIV_A_nidulans_FGSC_A4:274454-278164	WT_5hasex	WT_veg	OK	45,2523	154,42	1,7708	-3,66782	0,00024462	0,00237033	yes
AN7335	ChrIV_A_nidulans_FGSC_A4:270160-272302	WT_5hasex	WT_veg	OK	133,083	205,577	0,627354	-1,2479	0,212068	0,470948	no
AN7336	ChrIV_A_nidulans_FGSC_A4:267852-268314	WT_5hasex	WT_veg	OK	103,56	327,608	1,66151	-3,07106	0,00213298	0,0147379	yes
AN7338	ChrIV_A_nidulans_FGSC_A4:261154-262458	WT_5hasex	WT_veg	OK	8,34494	24,4559	1,55121	-2,49524	0,0125872	0,0624791	no
AN7339	ChrIV_A_nidulans_FGSC_A4:259768-260848	WT_5hasex	WT_veg	OK	2,86922	2,15561	-0,412566	0,426869	0,669475	0,852142	no
AN7340	ChrIV_A_nidulans_FGSC_A4:257825-259600	WT_5hasex	WT_veg	OK	9,06136	13,5502	0,580511	-0,924195	0,355385	0,630878	no
AN7341	ChrIV_A_nidulans_FGSC_A4:255159-257102	WT_5hasex	WT_veg	OK	239,718	791,941	1,72406	-3,33867	0,00084181	0,00678657	yes
AN7342	ChrIV_A_nidulans_FGSC_A4:246931-253021	WT_5hasex	WT_veg	OK	8,78084	15,4061	0,811075	-1,66168	0,0965772	0,282325	no
AN7343	ChrIV_A_nidulans_FGSC_A4:243355-245330	WT_5hasex	WT_veg	OK	4,43688	6,04915	0,447186	-0,670077	0,502809	0,751819	no
AN7344	ChrIV_A_nidulans_FGSC_A4:241211-242915	WT_5hasex	WT_veg	OK	3,64427	11,1158	1,60891	-2,38415	0,0171184	0,0791807	no
AN7346	ChrIV_A_nidulans_FGSC_A4:235746-237595	WT_5hasex	WT_veg	OK	3,14773	1,82209	-0,788719	0,950488	0,341865	0,61744	no
AN7347	ChrIV_A_nidulans_FGSC_A4:232194-233185	WT_5hasex	WT_veg	OK	19,4116	40,0771	1,04585	-1,77646	0,0756566	0,238283	no
AN7348	ChrIV_A_nidulans_FGSC_A4:221562-231126	WT_5hasex	WT_veg	OK	10,2274	30,6672	1,58425	-3,33135	0,00086425	0,00694817	yes
AN7350	ChrIV_A_nidulans_FGSC_A4:215002-217031	WT_5hasex	WT_veg	OK	33,693	98,3544	1,54554	-3,13285	0,00173116	0,0123827	yes
AN7351	ChrIV_A_nidulans_FGSC_A4:210748-212641	WT_5hasex	WT_veg	OK	30,1251	40,6501	0,432296	-0,817228	0,413798	0,682978	no
AN7352	ChrIV_A_nidulans_FGSC_A4:209414-210604	WT_5hasex	WT_veg	OK	11,7261	20,2498	0,788185	-1,28393	0,199167	0,453199	no
AN7353	ChrIV_A_nidulans_FGSC_A4:205944-207336	WT_5hasex	WT_veg	OK	20,9347	28,7796	0,459151	-0,833693	0,404454	0,675551	no
AN7354	ChrIV_A_nidulans_FGSC_A4:204598-205725	WT_5hasex	WT_veg	OK	1664,66	2396,82	0,5259	-0,868804	0,384954	0,658862	no
AN7356	ChrIV_A_nidulans_FGSC_A4:199122-199693	WT_5hasex	WT_veg	OK	25,206	53,2773	1,07975	-1,70485	0,0882217	0,26543	no
AN7357	ChrIV_A_nidulans_FGSC_A4:198051-198999	WT_5hasex	WT_veg	OK	29,2723	705,244	4,59052	-8,58821	0	0	yes
AN7358	ChrIV_A_nidulans_FGSC_A4:194393-196442	WT_5hasex	WT_veg	OK	10,5343	33,3656	1,66327	-2,98185	0,00286515	0,018791	yes
AN7360	ChrIV_A_nidulans_FGSC_A4:189108-190693	WT_5hasex	WT_veg	OK	26,4608	80,0642	1,5973	-3,08592	0,00202926	0,0141462	yes
AN7361	ChrIV_A_nidulans_FGSC_A4:186645-188682	WT_5hasex	WT_veg	OK	18,4013	34,9221	0,924331	-1,77209	0,0763795	0,239909	no
AN7362	ChrIV_A_nidulans_FGSC_A4:181220-184431	WT_5hasex	WT_veg	OK	15,0566	32,023	1,08872	-1,93626	0,0528361	0,184421	no
AN7363	ChrIV_A_nidulans_FGSC_A4:178186-180846	WT_5hasex	WT_veg	OK	6,62733	8,15168	0,298671	-0,476198	0,633933	0,832587	no
AN7364	ChrIV_A_nidulans_FGSC_A4:173418-174759	WT_5hasex	WT_veg	OK	13,4534	53,0052	1,97816	-3,47268	0,00051528	0,0044662	yes
AN7365	ChrIV_A_nidulans_FGSC_A4:172365-173290	WT_5hasex	WT_veg	OK	40,2432	169,217	2,07206	-3,97965	6,9017E-05	0,00079434	yes
AN7366	ChrIV_A_nidulans_FGSC_A4:170347-171746	WT_5hasex	WT_veg	OK	4,21416	8,31272	0,980075	-1,34492	0,17865	0,424116	no
AN7367	ChrIV_A_nidulans_FGSC_A4:167614-168753	WT_5hasex	WT_veg	OK	43,1073	66,3593	0,622367	-1,23129	0,218213	0,478765	no
AN7368	ChrIV_A_nidulans_FGSC_A4:164651-166331	WT_5hasex	WT_veg	NOTEST	0,418116	0,501482	0,262295	-0,159115	0,873578	1	no
AN7370	ChrIV_A_nidulans_FGSC_A4:156886-159206	WT_5hasex	WT_veg	OK	4,13169	11,6995	1,50164	-1,9632	0,0496225	0,176668	no
AN7371	ChrIV_A_nidulans_FGSC_A4:154601-155852	WT_5hasex	WT_veg	OK	2,16199	5,6207	1,37839	-1,45861	0,144672	0,370407	no
AN7373	ChrIV_A_nidulans_FGSC_A4:145917-148195	WT_5hasex	WT_veg	OK	6,87911	7,59634	0,143083	-0,197776	0,843221	0,937859	no
AN7374	ChrIV_A_nidulans_FGSC_A4:145048-145858	WT_5hasex	WT_veg	OK	77,6492	226,318	1,54331	-3,153	0,001616	0,0116947	yes
AN7375	ChrIV_A_nidulans_FGSC_A4:142803-144764	WT_5hasex	WT_veg	OK	71,7035	80,481	0,166605	-0,346363	0,72907	0,885311	no
AN7376	ChrIV_A_nidulans_FGSC_A4:141488-142785	WT_5hasex	WT_veg	OK	3,25191	10,9417	1,75048	-2,40045	0,016375	0,0765393	no
AN7377	ChrIV_A_nidulans_FGSC_A4:139886-141016	WT_5hasex	WT_veg	NOTEST	0,678726	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN7378	ChrIV_A_nidulans_FGSC_A4:137120-137829	WT_5hasex	WT_veg	OK	34,5352	7,90144	-2,12788	3,06127	0,00220401	0,0151576	yes
AN7379	ChrIV_A_nidulans_FGSC_A4:134493-136722	WT_5hasex	WT_veg	NOTEST	0,372327	0	-1.79769e+308	-1.79769e+308	0,0573914	1	no
AN7380	ChrIV_A_nidulans_FGSC_A4:132316-134165	WT_5hasex	WT_veg	NOTEST	0,331389	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN7382	ChrIV_A_nidulans_FGSC_A4:126025-127405	WT_5hasex	WT_veg	OK	16,2166	14,8167	-0,130241	0,228406	0,81933	0,927648	no
AN7383	ChrIV_A_nidulans_FGSC_A4:124284-125802	WT_5hasex	WT_veg	NOTEST	0,386322	0	-1.79769e+308	-1.79769e+308	0,0653486	1	no
AN7384	ChrIV_A_nidulans_FGSC_A4:120805-121574	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7385	ChrIV_A_nidulans_FGSC_A4:119375-120596	WT_5hasex	WT_veg	OK	21,549	16,4094	-0,3931	0,608441	0,542895	0,777565	no
AN7386	ChrIV_A_nidulans_FGSC_A4:116255-117358	WT_5hasex	WT_veg	OK	550,617	191,283	-1,52534	2,26154	0,0237255	0,101334	no
AN7389	ChrIV_A_nidulans_FGSC_A4:107862-109659	WT_5hasex	WT_veg	OK	6,95038	3,52936	-0,977686	1,28846	0,197586	0,451228	no

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AN7390	ChrIV_A_nidulans_FGSC_A4:102557-104331	WT_5hasex	WT_veg	OK	24,9995	78,85	1,65721	-3,28188	0,00103117	0,00806256	yes
AN7391	ChrIV_A_nidulans_FGSC_A4:100633-102376	WT_5hasex	WT_veg	OK	12,484	20,9282	0,74537	-1,20086	0,229804	0,49327	no
AN7392	ChrIV_A_nidulans_FGSC_A4:98553-100322	WT_5hasex	WT_veg	OK	44,719	34,4068	-0,378194	0,679157	0,497038	0,747612	no
AN7393	ChrIV_A_nidulans_FGSC_A4:97539-98260	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7394	ChrIV_A_nidulans_FGSC_A4:94444-95861	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7395	ChrIV_A_nidulans_FGSC_A4:92872-94207	WT_5hasex	WT_veg	OK	9,94845	0,172859	-5,8468	1,9729	0,0485067	0,173906	no
AN7397	ChrIV_A_nidulans_FGSC_A4:79909-82639	WT_5hasex	WT_veg	OK	4,59195	0,873969	-2,39345	2,80998	0,00495449	0,0295129	yes
AN7398	ChrIV_A_nidulans_FGSC_A4:76922-77983	WT_5hasex	WT_veg	NOTEST	0,36813	1,71636	2,22106	-1,14626	0,251686	1	no
AN7400	ChrIV_A_nidulans_FGSC_A4:70645-72358	WT_5hasex	WT_veg	OK	68,6557	30,1625	-1,18662	2,21101	0,027035	0,111911	no
AN7403	ChrIV_A_nidulans_FGSC_A4:60742-61907	WT_5hasex	WT_veg	OK	4,33624	5,73674	0,403786	-0,537957	0,590607	0,807328	no
AN7404	ChrIV_A_nidulans_FGSC_A4:59181-60164	WT_5hasex	WT_veg	NOTEST	0,827383	2,0251	1,29136	-1,069	0,285071	1	no
AN7405	ChrIV_A_nidulans_FGSC_A4:55605-56831	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7406	ChrIV_A_nidulans_FGSC_A4:53758-55111	WT_5hasex	WT_veg	OK	3,00669	1,78234	-0,75441	0,733487	0,463261	0,72261	no
AN7407	ChrIV_A_nidulans_FGSC_A4:51363-53463	WT_5hasex	WT_veg	NOTEST	1,7609	2,80026	0,669249	-0,781431	0,434549	1	no
AN7408	ChrIV_A_nidulans_FGSC_A4:48411-50078	WT_5hasex	WT_veg	NOTEST	0,16397	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7409	ChrIV_A_nidulans_FGSC_A4:46069-46570	WT_5hasex	WT_veg	OK	5,13506	1,78754	-1,5224	1,06486	0,28694	0,561179	no
AN7410	ChrIV_A_nidulans_FGSC_A4:42547-44593	WT_5hasex	WT_veg	NOTEST	0,808532	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN7411	ChrIV_A_nidulans_FGSC_A4:41002-41755	WT_5hasex	WT_veg	NOTEST	0,246876	0,238738	-0,0483616	0,0148137	0,988181	1	no
AN7412	ChrIV_A_nidulans_FGSC_A4:39748-40173	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7414	ChrIV_A_nidulans_FGSC_A4:34794-35961	WT_5hasex	WT_veg	NOTEST	0,917033	0,531383	-0,787221	0,510667	0,609584	1	no
AN7415	ChrIV_A_nidulans_FGSC_A4:27989-30266	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7416	ChrIV_A_nidulans_FGSC_A4:24757-25255	WT_5hasex	WT_veg	NOTEST	0,386066	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7417	ChrIV_A_nidulans_FGSC_A4:20915-22063	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7418	ChrIV_A_nidulans_FGSC_A4:15946-18239	WT_5hasex	WT_veg	NOTEST	0,367678	0	-1.79769e+308	-1.79769e+308	0,0341325	1	no
AN7419	ChrIV_A_nidulans_FGSC_A4:14427-15668	WT_5hasex	WT_veg	NOTEST	0,147252	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7420	ChrIV_A_nidulans_FGSC_A4:8986-9589	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7422	ChrIV_A_nidulans_FGSC_A4:1501165-1503893	WT_5hasex	WT_veg	OK	63,7376	84,2794	0,403036	-0,832082	0,405362	0,676445	no
AN7423	ChrIV_A_nidulans_FGSC_A4:1504209-1506675	WT_5hasex	WT_veg	OK	87,1664	168,858	0,95397	-1,95546	0,0505288	0,17887	no
AN7424	ChrIV_A_nidulans_FGSC_A4:1507093-1508811	WT_5hasex	WT_veg	OK	59,7676	201,24	1,75148	-3,56872	0,00035873	0,00327605	yes
AN7425	ChrIV_A_nidulans_FGSC_A4:1509169-1510281	WT_5hasex	WT_veg	OK	22,2605	42,1189	0,91998	-1,61024	0,107346	0,304403	no
AN7426	ChrIV_A_nidulans_FGSC_A4:1511146-1512311	WT_5hasex	WT_veg	OK	63,9663	72,2515	0,175715	-0,353011	0,72408	0,882586	no
AN7428	ChrIV_A_nidulans_FGSC_A4:1514375-1518102	WT_5hasex	WT_veg	OK	75,5015	97,287	0,365742	-0,75411	0,450783	0,712849	no
AN7429	ChrIV_A_nidulans_FGSC_A4:1518962-1520343	WT_5hasex	WT_veg	OK	21,6955	92,17	2,0869	-3,89568	9,7925E-05	0,00107623	yes
AN7431	ChrIV_A_nidulans_FGSC_A4:1523715-1525770	WT_5hasex	WT_veg	OK	13,9102	13,4398	-0,0496352	0,0917674	0,926883	0,972363	no
AN7432	ChrIV_A_nidulans_FGSC_A4:1526229-1527264	WT_5hasex	WT_veg	OK	158,179	305,288	0,94861	-1,97141	0,0486771	0,174392	no
AN7433	ChrIV_A_nidulans_FGSC_A4:1528673-1530781	WT_5hasex	WT_veg	OK	16,2161	24,6767	0,60572	-1,15197	0,249334	0,517469	no
AN7434	ChrIV_A_nidulans_FGSC_A4:1532014-1534033	WT_5hasex	WT_veg	OK	16,1871	32,4337	1,00264	-1,91001	0,0561318	0,192602	no
AN7435	ChrIV_A_nidulans_FGSC_A4:1534519-1535970	WT_5hasex	WT_veg	OK	30,0618	71,8702	1,25746	-2,40839	0,0160232	0,0752754	no
AN7437	ChrIV_A_nidulans_FGSC_A4:1539195-1541019	WT_5hasex	WT_veg	OK	60,5886	81,4048	0,426067	-0,821933	0,411115	0,68108	no
AN7438	ChrIV_A_nidulans_FGSC_A4:1542265-1545626	WT_5hasex	WT_veg	OK	20,6015	46,8292	1,18466	-2,41858	0,0155812	0,073597	no
AN7439	ChrIV_A_nidulans_FGSC_A4:1546025-1548435	WT_5hasex	WT_veg	OK	20,5845	19,2906	-0,0936582	0,189197	0,849939	0,941019	no
AN7440	ChrIV_A_nidulans_FGSC_A4:1548747-1550193	WT_5hasex	WT_veg	OK	42,0251	96,9747	1,20636	-2,46378	0,0137481	0,0668299	no
AN7441	ChrIV_A_nidulans_FGSC_A4:1550295-1552466	WT_5hasex	WT_veg	OK	55,2331	129,795	1,23263	-2,56167	0,0104172	0,0538078	no
AN7442	ChrIV_A_nidulans_FGSC_A4:1552633-1553813	WT_5hasex	WT_veg	OK	16,0199	48,8029	1,6071	-2,82039	0,00479651	0,0287784	yes
AN7443	ChrIV_A_nidulans_FGSC_A4:1555393-1558406	WT_5hasex	WT_veg	OK	145,905	209,782	0,52386	-0,98554	0,324359	0,6009	no
AN7444	ChrIV_A_nidulans_FGSC_A4:1559076-1561311	WT_5hasex	WT_veg	OK	26,0541	42,6427	0,710787	-1,37062	0,170494	0,411696	no
AN7447	ChrIV_A_nidulans_FGSC_A4:1565644-1568671	WT_5hasex	WT_veg	OK	18,1932	31,4309	0,788789	-1,60775	0,107889	0,305468	no
AN7449	ChrIV_A_nidulans_FGSC_A4:1577252-1578137	WT_5hasex	WT_veg	OK	69,7383	134,206	0,944425	-1,89383	0,058247	0,197842	no
AN7450	ChrIV_A_nidulans_FGSC_A4:1578373-1580849	WT_5hasex	WT_veg	OK	13,3482	24,7486	0,890703	-1,70969	0,0873241	0,263638	no
AN7451	ChrIV_A_nidulans_FGSC_A4:1581046-1584683	WT_5hasex	WT_veg	OK	72,2029	233,04	1,69045	-3,41609	0,00063528	0,00533666	yes
AN7452	ChrIV_A_nidulans_FGSC_A4:1586467-1588507	WT_5hasex	WT_veg	NOTEST	0	0,994573	1.79769e+308	1.79769e+308	0,188032	1	no
AN7453	ChrIV_A_nidulans_FGSC_A4:1592271-1593219	WT_5hasex	WT_veg	OK	24,9312	25,7822	0,0484247	-0,0854689	0,931889	0,974174	no
AN7454	ChrIV_A_nidulans_FGSC_A4:1594068-1596058	WT_5hasex	WT_veg	OK	103,279	69,4391	-0,572733	1,0335	0,301369	0,577036	no

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AN7455	ChrIV_A_nidulans_FGSC_A4:1597207-1601490	WT_5hasex	WT_veg	OK	2,58402	6,30585	1,28708	-2,10378	0,0353975	0,137706	no
AN7456	ChrIV_A_nidulans_FGSC_A4:1602411-1603170	WT_5hasex	WT_veg	OK	255,328	442,382	0,792944	-1,63995	0,101015	0,291549	no
AN7457	ChrIV_A_nidulans_FGSC_A4:1604354-1605651	WT_5hasex	WT_veg	OK	18,5267	49,9808	1,43177	-2,54892	0,0108058	0,0553838	no
AN7458	ChrIV_A_nidulans_FGSC_A4:1606047-1607967	WT_5hasex	WT_veg	OK	18,4263	125,937	2,77286	-5,22963	1,6985E-07	3,7413E-06	yes
AN7460	ChrIV_A_nidulans_FGSC_A4:1610653-1611335	WT_5hasex	WT_veg	OK	81,4727	347,985	2,09464	-3,89107	9,9803E-05	0,00109412	yes
AN7461	ChrIV_A_nidulans_FGSC_A4:1611488-1612772	WT_5hasex	WT_veg	OK	37,7043	97,2491	1,36695	-2,72904	0,00635182	0,0362146	yes
AN7462	ChrIV_A_nidulans_FGSC_A4:1613145-1615660	WT_5hasex	WT_veg	OK	45,6442	44,4112	-0,0395078	0,0814011	0,935123	0,9755	no
AN7465	ChrIV_A_nidulans_FGSC_A4:1626960-1629033	WT_5hasex	WT_veg	OK	87,9945	159,488	0,857958	-1,75913	0,0785562	0,244696	no
AN7466	ChrIV_A_nidulans_FGSC_A4:1629679-1631446	WT_5hasex	WT_veg	OK	43,177	88,865	1,04135	-2,08939	0,0366726	0,141469	no
AN7467	ChrIV_A_nidulans_FGSC_A4:1631978-1632909	WT_5hasex	WT_veg	OK	8,85603	35,8136	2,01577	-2,72279	0,00647326	0,0367749	yes
AN7469	ChrIV_A_nidulans_FGSC_A4:1637021-1637804	WT_5hasex	WT_veg	OK	204,773	237,536	0,214119	-0,430927	0,666522	0,850925	no
AN7470	ChrIV_A_nidulans_FGSC_A4:1638053-1642224	WT_5hasex	WT_veg	OK	265,657	1107,8	2,06007	-3,83054	0,00012786	0,00136047	yes
AN7471	ChrIV_A_nidulans_FGSC_A4:1638053-1642224	WT_5hasex	WT_veg	OK	30,1175	28,1652	-0,0966886	0,192403	0,847426	0,939787	no
AN7472	ChrIV_A_nidulans_FGSC_A4:1642505-1644140	WT_5hasex	WT_veg	OK	34,1628	16,0204	-1,09252	2,18594	0,0288202	0,117522	no
AN7474	ChrIV_A_nidulans_FGSC_A4:1648485-1652147	WT_5hasex	WT_veg	OK	29,1643	76,3819	1,38903	-2,92354	0,00346078	0,0220542	yes
AN7475	ChrIV_A_nidulans_FGSC_A4:1654647-1656943	WT_5hasex	WT_veg	OK	11,7878	27,7132	1,23327	-2,33641	0,0194697	0,0872683	no
AN7476	ChrIV_A_nidulans_FGSC_A4:1658607-1660880	WT_5hasex	WT_veg	OK	162,22	403,176	1,31346	-2,13143	0,0330538	0,130753	no
AN7477	ChrIV_A_nidulans_FGSC_A4:1662219-1663094	WT_5hasex	WT_veg	OK	26,7717	47,0445	0,813318	-1,42615	0,153825	0,385383	no
AN7478	ChrIV_A_nidulans_FGSC_A4:1665693-1666752	WT_5hasex	WT_veg	OK	10,5796	34,674	1,71257	-2,39842	0,0164661	0,0768555	no
AN7479	ChrIV_A_nidulans_FGSC_A4:1667488-1669572	WT_5hasex	WT_veg	OK	84,7719	117,042	0,465363	-0,960241	0,336934	0,61295	no
AN7480	ChrIV_A_nidulans_FGSC_A4:1671657-1674150	WT_5hasex	WT_veg	OK	35,64	32,9138	-0,114806	0,231678	0,816788	0,926659	no
AN7481	ChrIV_A_nidulans_FGSC_A4:1674994-1676702	WT_5hasex	WT_veg	OK	9,7357	28,4269	1,5459	-2,65061	0,00803457	0,0437613	yes
AN7482	ChrIV_A_nidulans_FGSC_A4:1678533-1679427	WT_5hasex	WT_veg	OK	78,3514	108,102	0,464359	-0,916399	0,359458	0,634155	no
AN7483	ChrIV_A_nidulans_FGSC_A4:1689927-1691752	WT_5hasex	WT_veg	OK	23,8823	28,2926	0,244482	-0,484115	0,628304	0,829163	no
AN7484	ChrIV_A_nidulans_FGSC_A4:1692536-1693280	WT_5hasex	WT_veg	OK	358,154	200,396	-0,837724	1,64404	0,100168	0,289713	no
AN7488	ChrIV_A_nidulans_FGSC_A4:1701621-1703076	WT_5hasex	WT_veg	OK	10,6486	14,2933	0,424675	-0,704653	0,481026	0,735855	no
AN7489	ChrIV_A_nidulans_FGSC_A4:1703510-1705316	WT_5hasex	WT_veg	OK	18,2778	19,1664	0,0684817	-0,123393	0,901796	0,962187	no
AN7490	ChrIV_A_nidulans_FGSC_A4:1705598-1707239	WT_5hasex	WT_veg	OK	1,16729	3,94304	1,75615	-2,17848	0,0293705	0,11936	no
AN7491	ChrIV_A_nidulans_FGSC_A4:1707390-1708201	WT_5hasex	WT_veg	OK	90,2196	177,047	0,972616	-1,97754	0,0479809	0,172662	no
AN7492	ChrIV_A_nidulans_FGSC_A4:1708512-1709650	WT_5hasex	WT_veg	OK	48,0724	39,4261	-0,286057	0,569037	0,569331	0,794749	no
AN7493	ChrIV_A_nidulans_FGSC_A4:1709849-1710911	WT_5hasex	WT_veg	OK	19,1745	37,2308	0,957305	-1,65461	0,0980029	0,285166	no
AN7496	ChrIV_A_nidulans_FGSC_A4:1719603-1724350	WT_5hasex	WT_veg	OK	30,0021	52,0804	0,795676	-1,66288	0,096336	0,281948	no
AN7497	ChrIV_A_nidulans_FGSC_A4:1725786-1726565	WT_5hasex	WT_veg	OK	448,693	909,21	1,01888	-1,98481	0,0471653	0,170476	no
AN7498	ChrIV_A_nidulans_FGSC_A4:1727532-1729235	WT_5hasex	WT_veg	OK	35,789	70,8757	0,985773	-1,78185	0,0747732	0,23604	no
AN7499	ChrIV_A_nidulans_FGSC_A4:1729550-1735082	WT_5hasex	WT_veg	OK	9,70024	15,5305	0,679013	-1,373	0,169753	0,410437	no
AN7501	ChrIV_A_nidulans_FGSC_A4:1739702-1741048	WT_5hasex	WT_veg	OK	169	837,973	2,30988	-4,74933	2,0409E-06	3,4996E-05	yes
AN7502	ChrIV_A_nidulans_FGSC_A4:1741577-1743414	WT_5hasex	WT_veg	OK	14,2255	18,5584	0,383589	-0,667193	0,504649	0,752807	no
AN7503	ChrIV_A_nidulans_FGSC_A4:1743613-1746122	WT_5hasex	WT_veg	OK	19,0734	62,7301	1,7176	-3,48569	0,00049088	0,00428215	yes
AN7504	ChrIV_A_nidulans_FGSC_A4:1746975-1750521	WT_5hasex	WT_veg	OK	28,6518	13,6825	-1,0663	1,91028	0,0560977	0,192523	no
AN7506	ChrIV_A_nidulans_FGSC_A4:1754575-1760143	WT_5hasex	WT_veg	OK	9,87474	11,1139	0,170553	-0,336839	0,736238	0,889003	no
AN7507	ChrIV_A_nidulans_FGSC_A4:1761955-1764455	WT_5hasex	WT_veg	OK	27,4425	19,35	-0,504075	1,00704	0,313916	0,589981	no
AN7508	ChrIV_A_nidulans_FGSC_A4:1768401-1771326	WT_5hasex	WT_veg	NOTEST	1,52359	2,9411	0,948879	-1,29342	0,195866	1	no
AN7509	ChrIV_A_nidulans_FGSC_A4:1773351-1774395	WT_5hasex	WT_veg	NOTEST	0,388987	0,431695	0,150291	-0,0764903	0,939029	1	no
AN7510	ChrIV_A_nidulans_FGSC_A4:1775520-1777732	WT_5hasex	WT_veg	OK	27,5464	48,3011	0,810194	-1,60228	0,109094	0,307683	no
AN7515	ChrIV_A_nidulans_FGSC_A4:1802651-1803464	WT_5hasex	WT_veg	OK	38,9968	86,3937	1,14757	-1,79571	0,07254	0,231205	no
AN7516	ChrIV_A_nidulans_FGSC_A4:1803884-1805799	WT_5hasex	WT_veg	OK	10,7158	17,9204	0,741865	-1,28452	0,19896	0,452946	no
AN7517	ChrIV_A_nidulans_FGSC_A4:1806781-1808535	WT_5hasex	WT_veg	OK	130,227	419,962	1,68923	-3,2667	0,00108809	0,0084222	yes
AN7518	ChrIV_A_nidulans_FGSC_A4:1809016-1811236	WT_5hasex	WT_veg	OK	2,09155	1,51688	-0,463461	0,523342	0,600736	0,813641	no
AN7519	ChrIV_A_nidulans_FGSC_A4:1811611-1813699	WT_5hasex	WT_veg	NOTEST	0,316919	0	-1.79769e+308	-1.79769e+308	0,0703913	1	no
AN7521	ChrIV_A_nidulans_FGSC_A4:1816345-1818028	WT_5hasex	WT_veg	OK	77,5662	0,482759	-7,32798	5,28667	1,2456E-07	2,8281E-06	yes
AN7523	ChrIV_A_nidulans_FGSC_A4:1822501-1824057	WT_5hasex	WT_veg	OK	4,6746	12,1679	1,38017	-1,61209	0,106943	0,303578	no
AN7524	ChrIV_A_nidulans_FGSC_A4:1831427-1834453	WT_5hasex	WT_veg	OK	40,4451	135,554	1,74483	-3,37941	0,00072641	0,00598042	yes
AN7525	ChrIV_A_nidulans_FGSC_A4:1834551-1835734	WT_5hasex	WT_veg	OK	30,6769	55,569	0,85713	-1,61611	0,106071	0,301919	no

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AN7526	ChrIV_A_nidulans_FGSC_A4:1835962-1837965	WT_5hasex	WT_veg	OK	14,0285	137,068	3,28846	-6,08115	1,1932E-09	4,1519E-08	yes
AN7528	ChrIV_A_nidulans_FGSC_A4:1842495-1843405	WT_5hasex	WT_veg	OK	7,55567	4,55704	-0,729463	0,905687	0,365101	0,639953	no
AN7529	ChrIV_A_nidulans_FGSC_A4:1844078-1845398	WT_5hasex	WT_veg	OK	5,99658	13,4536	-1,16578	-1,4723	0,14094	0,36409	no
AN7530	ChrIV_A_nidulans_FGSC_A4:1850389-1851228	WT_5hasex	WT_veg	OK	27,9492	130,725	2,22566	-4,08307	4,4444E-05	0,00054087	yes
AN7531	ChrIV_A_nidulans_FGSC_A4:1856900-1858029	WT_5hasex	WT_veg	NOTEST	0,612716	0,517523	-0,243597	0,124896	0,900606	1	no
AN7532	ChrIV_A_nidulans_FGSC_A4:1861628-1862211	WT_5hasex	WT_veg	OK	21,9453	53,5477	1,28691	-1,74671	0,0806883	0,249144	no
AN7534	ChrIV_A_nidulans_FGSC_A4:1866783-1867923	WT_5hasex	WT_veg	OK	67,9647	141,668	1,05966	-2,19341	0,0282777	0,115834	no
AN7535	ChrIV_A_nidulans_FGSC_A4:1868274-1869855	WT_5hasex	WT_veg	OK	53,1936	78,5278	0,561951	-1,15885	0,246519	0,514378	no
AN7536	ChrIV_A_nidulans_FGSC_A4:1871157-1871892	WT_5hasex	WT_veg	OK	40,4741	52,9417	0,387403	-0,696365	0,4862	0,740076	no
AN7537	ChrIV_A_nidulans_FGSC_A4:1872994-1874893	WT_5hasex	WT_veg	OK	26,7744	69,0128	1,36601	-2,69427	0,00705439	0,0393595	yes
AN7538	ChrIV_A_nidulans_FGSC_A4:1876300-1879752	WT_5hasex	WT_veg	OK	13,5354	28,568	1,07766	-2,1509	0,0314839	0,126027	no
AN7539	ChrIV_A_nidulans_FGSC_A4:1880682-1881120	WT_5hasex	WT_veg	OK	4343,38	8003,84	0,881875	-1,04911	0,294126	0,568953	no
AN7540	ChrIV_A_nidulans_FGSC_A4:1883119-1885023	WT_5hasex	WT_veg	OK	117,562	214,164	0,865296	-1,77518	0,0758678	0,238719	no
AN7541	ChrIV_A_nidulans_FGSC_A4:1887063-1888121	WT_5hasex	WT_veg	OK	9,68698	36,7772	1,92469	-2,75781	0,00581906	0,0336679	yes
AN7543	ChrIV_A_nidulans_FGSC_A4:1894284-1895642	WT_5hasex	WT_veg	OK	39,9622	48,7318	0,286229	-0,563072	0,573386	0,7971	no
AN7544	ChrIV_A_nidulans_FGSC_A4:1896136-1898776	WT_5hasex	WT_veg	OK	38,9515	63,2201	0,698706	-1,448	0,147616	0,375223	no
AN7546	ChrIV_A_nidulans_FGSC_A4:1905081-1905821	WT_5hasex	WT_veg	OK	14,9616	20,786	0,474348	-0,675319	0,499473	0,749315	no
AN7548	ChrIV_A_nidulans_FGSC_A4:1917215-1918683	WT_5hasex	WT_veg	OK	26,9256	23,6082	-0,18969	0,367531	0,713223	0,876672	no
AN7549	ChrIV_A_nidulans_FGSC_A4:1918973-1920926	WT_5hasex	WT_veg	OK	25,0979	141,886	2,49909	-5,08774	3,6236E-07	7,4174E-06	yes
AN7550	ChrIV_A_nidulans_FGSC_A4:1921472-1923712	WT_5hasex	WT_veg	OK	14,4341	33,1208	1,19826	-2,29425	0,0217764	0,095086	no
AN7551	ChrIV_A_nidulans_FGSC_A4:1924505-1925444	WT_5hasex	WT_veg	OK	7,10155	13,442	0,920542	-1,27149	0,203555	0,459513	no
AN7552	ChrIV_A_nidulans_FGSC_A4:1926055-1929994	WT_5hasex	WT_veg	OK	6,66201	11,2632	0,757593	-1,32644	0,184694	0,433143	no
AN7554	ChrIV_A_nidulans_FGSC_A4:1941982-1944191	WT_5hasex	WT_veg	OK	20,7347	140,947	2,76504	-5,49296	3,9526E-08	1,004E-06	yes
AN7555	ChrIV_A_nidulans_FGSC_A4:1944649-1945499	WT_5hasex	WT_veg	OK	22,4248	64,1473	1,51629	-2,66951	0,00759627	0,041835	yes
AN7556	ChrIV_A_nidulans_FGSC_A4:1945676-1946874	WT_5hasex	WT_veg	OK	9,43121	5,27434	-0,838452	1,23605	0,216439	0,476454	no
AN7557	ChrIV_A_nidulans_FGSC_A4:1947453-1949687	WT_5hasex	WT_veg	OK	11,4633	6,1647	-0,894918	1,55343	0,120321	0,328235	no
AN7558	ChrIV_A_nidulans_FGSC_A4:1952643-1953319	WT_5hasex	WT_veg	OK	340,54	1696,21	2,31642	-3,84945	0,00011839	0,00127253	yes
AN7559	ChrIV_A_nidulans_FGSC_A4:1953376-1954864	WT_5hasex	WT_veg	OK	7,01043	14,3057	1,02901	-1,64787	0,0993797	0,28802	no
AN7561	ChrIV_A_nidulans_FGSC_A4:1958199-1958774	WT_5hasex	WT_veg	OK	260,435	502,68	0,948716	-1,96269	0,0496819	0,176779	no
AN7562	ChrIV_A_nidulans_FGSC_A4:1959144-1960636	WT_5hasex	WT_veg	OK	6,47995	19,1825	1,56573	-2,40488	0,0161778	0,0758545	no
AN7563	ChrIV_A_nidulans_FGSC_A4:1961583-1964889	WT_5hasex	WT_veg	OK	28,7925	41,9999	0,544693	-1,10829	0,267737	0,339572	no
AN7564	ChrIV_A_nidulans_FGSC_A4:1966068-1967420	WT_5hasex	WT_veg	OK	27,9218	60,7512	1,12152	-2,16635	0,0302842	0,122158	no
AN7565	ChrIV_A_nidulans_FGSC_A4:1967934-1969789	WT_5hasex	WT_veg	OK	10,3857	22,9808	1,14582	-2,03652	0,0416979	0,155464	no
AN7566	ChrIV_A_nidulans_FGSC_A4:1969948-1972120	WT_5hasex	WT_veg	OK	13,002	16,4281	0,337424	-0,631942	0,527425	0,767896	no
AN7567	ChrIV_A_nidulans_FGSC_A4:1972855-1973671	WT_5hasex	WT_veg	OK	56,9079	63,4102	0,156086	-0,307893	0,758164	0,900095	no
AN7568	ChrIV_A_nidulans_FGSC_A4:1974210-1975978	WT_5hasex	WT_veg	OK	33,5179	74,016	1,14291	-2,3525	0,0186476	0,0843666	no
AN7569	ChrIV_A_nidulans_FGSC_A4:1976323-1977439	WT_5hasex	WT_veg	OK	28,6875	116,154	2,01755	-3,7815	0,00015589	0,00160605	yes
AN7571	ChrIV_A_nidulans_FGSC_A4:1981434-1984325	WT_5hasex	WT_veg	OK	18,6587	54,9871	1,55925	-3,1525	0,00161877	0,0117083	yes
AN7574	ChrIV_A_nidulans_FGSC_A4:2001149-2001699	WT_5hasex	WT_veg	OK	1,90514	4,5862	1,2674	-0,899728	0,368265	0,643016	no
AN7575	ChrIV_A_nidulans_FGSC_A4:2002436-2003972	WT_5hasex	WT_veg	OK	45,6632	103,926	1,18645	-2,42806	0,0151797	0,0721614	no
AN7576	ChrIV_A_nidulans_FGSC_A4:2005093-2008942	WT_5hasex	WT_veg	OK	16,1224	34,0642	1,07919	-2,13188	0,0330167	0,130636	no
AN7577	ChrIV_A_nidulans_FGSC_A4:2010828-2012779	WT_5hasex	WT_veg	OK	6,70454	40,3413	2,58905	-4,19251	2,7588E-05	0,00035564	yes
AN7578	ChrIV_A_nidulans_FGSC_A4:2013497-2014728	WT_5hasex	WT_veg	OK	24,0158	46,6502	0,957897	-1,78896	0,0736212	0,233529	no
AN7579	ChrIV_A_nidulans_FGSC_A4:2015076-2016088	WT_5hasex	WT_veg	OK	149,382	239,719	0,682339	-1,41615	0,156733	0,390097	no
AN7580	ChrIV_A_nidulans_FGSC_A4:2018511-2019912	WT_5hasex	WT_veg	OK	18,3563	22,7038	0,306655	-0,490489	0,623788	0,826367	no
AN7583	ChrIV_A_nidulans_FGSC_A4:2035213-2038064	WT_5hasex	WT_veg	OK	41,2942	128,779	1,64089	-3,10236	0,00191987	0,0134841	yes
AN7584	ChrIV_A_nidulans_FGSC_A4:2042540-2044265	WT_5hasex	WT_veg	NOTEST	0,714223	0,993333	0,475904	-0,414836	0,678262	1	no
AN7585	ChrIV_A_nidulans_FGSC_A4:2045683-2047190	WT_5hasex	WT_veg	NOTEST	0	1,19247	1.79769e+308	1.79769e+308	0,0399592	1	no
AN7587	ChrIV_A_nidulans_FGSC_A4:2051890-2053101	WT_5hasex	WT_veg	OK	126,774	277,904	1,13233	-2,32584	0,0200272	0,0892494	no
AN7588	ChrIV_A_nidulans_FGSC_A4:2053111-2054364	WT_5hasex	WT_veg	OK	188,272	1002,79	2,41313	-4,84619	1,2586E-06	2,257E-05	yes
AN7590	ChrIV_A_nidulans_FGSC_A4:2065740-2066541	WT_5hasex	WT_veg	OK	617,895	1955,13	1,66183	-2,88795	0,00387765	0,0241765	yes
AN7591	ChrIV_A_nidulans_FGSC_A4:2067350-2069228	WT_5hasex	WT_veg	OK	56,9449	89,5435	0,653022	-1,26954	0,204248	0,460407	no
AN7592	ChrIV_A_nidulans_FGSC_A4:2069779-2073580	WT_5hasex	WT_veg	OK	2,31901	4,16437	0,844585	-1,20122	0,229668	0,493037	no

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AN7594	ChrIV_A_nidulans_FGSC_A4:2079203-2079872	WT_5hasex	WT_veg	OK	6767,52	10192,7	0,590835	-0,731121	0,464706	0,723828	no
AN7595	ChrIV_A_nidulans_FGSC_A4:2080897-2081931	WT_5hasex	WT_veg	OK	6,39818	10,5538	0,722034	-1,0212	0,30716	0,583191	no
AN7596	ChrIV_A_nidulans_FGSC_A4:2083993-2086338	WT_5hasex	WT_veg	OK	35,7901	35,0007	-0,0321755	0,0575571	0,954101	0,98293	no
AN7597	ChrIV_A_nidulans_FGSC_A4:2087644-2090029	WT_5hasex	WT_veg	OK	67,3431	157,583	1,22651	-1,98525	0,0471162	0,170333	no
AN7598	ChrIV_A_nidulans_FGSC_A4:2091125-2092019	WT_5hasex	WT_veg	NOTEST	1,06147	0	-1.79769e+308	-1.79769e+308	0,0472965	1	no
AN7599	ChrIV_A_nidulans_FGSC_A4:2096235-2096754	WT_5hasex	WT_veg	NOTEST	0,751769	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7600	ChrIV_A_nidulans_FGSC_A4:2099230-2104020	WT_5hasex	WT_veg	OK	21,5836	42,6381	0,982205	-2,06583	0,0388446	0,147622	no
AN7601	ChrIV_A_nidulans_FGSC_A4:2104991-2106112	WT_5hasex	WT_veg	OK	65,2207	137,883	1,08004	-2,22736	0,025923	0,108526	no
AN7603	ChrIV_A_nidulans_FGSC_A4:2108495-2109477	WT_5hasex	WT_veg	OK	120,19	120,349	0,00191131	-0,00393075	0,996864	0,99877	no
AN7604	ChrIV_A_nidulans_FGSC_A4:2110638-2114128	WT_5hasex	WT_veg	OK	48,4362	216,923	2,16302	-4,24904	2,1469E-05	0,0002838	yes
AN7605	ChrIV_A_nidulans_FGSC_A4:2114455-2115760	WT_5hasex	WT_veg	OK	10,7242	33,8857	1,65981	-2,69765	0,00698305	0,0390487	yes
AN7607	ChrIV_A_nidulans_FGSC_A4:2125944-2127342	WT_5hasex	WT_veg	OK	18,4652	54,3077	1,55635	-2,882	0,00395161	0,0245463	yes
AN7608	ChrIV_A_nidulans_FGSC_A4:2129343-2130499	WT_5hasex	WT_veg	OK	14,2448	46,2459	1,69889	-2,83705	0,00455328	0,0275967	yes
AN7609	ChrIV_A_nidulans_FGSC_A4:2131036-2135266	WT_5hasex	WT_veg	OK	16,777	87,3531	2,38037	-4,96143	6,9977E-07	1,3368E-05	yes
AN7611	ChrIV_A_nidulans_FGSC_A4:2139736-2140868	WT_5hasex	WT_veg	OK	16,8316	37,6389	1,16106	-2,04015	0,0413356	0,15439	no
AN7612	ChrIV_A_nidulans_FGSC_A4:2141249-2142164	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7613	ChrIV_A_nidulans_FGSC_A4:2142825-2145612	WT_5hasex	WT_veg	NOTEST	0	0,309822	1.79769e+308	1.79769e+308	0,123323	1	no
AN7614	ChrIV_A_nidulans_FGSC_A4:2146122-2147585	WT_5hasex	WT_veg	NOTEST	0,815988	1,40288	0,781772	-0,661315	0,50841	1	no
AN7615	ChrIV_A_nidulans_FGSC_A4:2149327-2150673	WT_5hasex	WT_veg	OK	53,6098	63,1917	0,237238	-0,48059	0,630808	0,830877	no
AN7616	ChrIV_A_nidulans_FGSC_A4:2151285-2153586	WT_5hasex	WT_veg	NOTEST	0,41552	2,88864	2,7974	-2,79669	0,00516298	1	no
AN7617	ChrIV_A_nidulans_FGSC_A4:2154068-2154806	WT_5hasex	WT_veg	OK	101,917	374,562	1,87782	-3,81768	0,00013471	0,00142324	yes
AN7618	ChrIV_A_nidulans_FGSC_A4:2155261-2157147	WT_5hasex	WT_veg	OK	4,62514	13,5561	1,55138	-2,43165	0,0150303	0,0716473	no
AN7621	ChrIV_A_nidulans_FGSC_A4:2165290-2166670	WT_5hasex	WT_veg	OK	11,5477	11,9244	0,0463188	-0,0782884	0,937599	0,976505	no
AN7622	ChrIV_A_nidulans_FGSC_A4:2168270-2169755	WT_5hasex	WT_veg	OK	50,2761	33,4044	-0,589834	1,2081	0,227009	0,489879	no
AN7625	ChrIV_A_nidulans_FGSC_A4:2178026-2180174	WT_5hasex	WT_veg	OK	1174,08	1086,56	-0,111758	0,174571	0,861417	0,946395	no
AN7626	ChrIV_A_nidulans_FGSC_A4:2183201-2185696	WT_5hasex	WT_veg	OK	3,55426	3,27065	-0,119975	0,174982	0,861094	0,946301	no
AN7629	ChrIV_A_nidulans_FGSC_A4:2193082-2193753	WT_5hasex	WT_veg	OK	248,392	294,843	0,247331	-0,502608	0,61524	0,822006	no
AN7630	ChrIV_A_nidulans_FGSC_A4:2193853-2195531	WT_5hasex	WT_veg	OK	26,7155	116,91	2,12965	-4,27568	1,9056E-05	0,00025545	yes
AN7631	ChrIV_A_nidulans_FGSC_A4:2195796-2197874	WT_5hasex	WT_veg	OK	12,3988	21,7919	0,813591	-1,4494	0,147225	0,374691	no
AN7632	ChrIV_A_nidulans_FGSC_A4:2201263-2202941	WT_5hasex	WT_veg	OK	140,022	218,933	0,644831	-1,25954	0,207835	0,465184	no
AN7633	ChrIV_A_nidulans_FGSC_A4:2203722-2204796	WT_5hasex	WT_veg	OK	22,1451	23,6682	0,0959643	-0,170142	0,864898	0,948108	no
AN7634	ChrIV_A_nidulans_FGSC_A4:2205180-2207243	WT_5hasex	WT_veg	NOTEST	0,794579	0,5547	-0,518482	0,415085	0,67808	1	no
AN7636	ChrIV_A_nidulans_FGSC_A4:2208577-2210525	WT_5hasex	WT_veg	OK	94,8574	194,201	1,03372	-2,14165	0,0322217	0,128246	no
AN7637	ChrIV_A_nidulans_FGSC_A4:2211621-2221187	WT_5hasex	WT_veg	NOTEST	0,197581	0,227318	0,202265	-0,20825	0,835034	1	no
AN7638	ChrIV_A_nidulans_FGSC_A4:2222142-2223122	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7640	ChrIV_A_nidulans_FGSC_A4:2227769-2229430	WT_5hasex	WT_veg	OK	27,4922	52,5212	0,933877	-1,78691	0,0739515	0,234265	no
AN7641	ChrIV_A_nidulans_FGSC_A4:2230982-2233306	WT_5hasex	WT_veg	OK	12,8142	21,0096	0,7133	-1,19064	0,233796	0,498936	no
AN7642	ChrIV_A_nidulans_FGSC_A4:2234783-2236195	WT_5hasex	WT_veg	NOTEST	0,329002	3,58199	3,44459	-2,43255	0,014993	1	no
AN7644	ChrIV_A_nidulans_FGSC_A4:2241099-2241775	WT_5hasex	WT_veg	OK	3,78164	9,70242	1,35933	-1,56915	0,116612	0,321262	no
AN7645	ChrIV_A_nidulans_FGSC_A4:2242549-2243003	WT_5hasex	WT_veg	NOTEST	0,625544	2,91652	2,22106	-1,14626	0,251686	1	no
AN7648	ChrIV_A_nidulans_FGSC_A4:2252906-2254598	WT_5hasex	WT_veg	OK	12,9248	14,1868	0,134403	-0,212954	0,831363	0,932941	no
AN7649	ChrIV_A_nidulans_FGSC_A4:2255708-2256754	WT_5hasex	WT_veg	OK	254,792	250,266	-0,025854	0,0508105	0,959477	0,985009	no
AN7651	ChrIV_A_nidulans_FGSC_A4:2263473-2265153	WT_5hasex	WT_veg	OK	10,6352	14,1895	0,41598	-0,727087	0,467172	0,725813	no
AN7652	ChrIV_A_nidulans_FGSC_A4:2267510-2269999	WT_5hasex	WT_veg	OK	6,12611	5,87118	-0,0613219	0,0976218	0,922233	0,970581	no
AN7654	ChrIV_A_nidulans_FGSC_A4:2275667-2276863	WT_5hasex	WT_veg	OK	112,568	211,201	0,90782	-1,81388	0,0696964	0,224766	no
AN7656	ChrIV_A_nidulans_FGSC_A4:2281810-2283169	WT_5hasex	WT_veg	OK	14,4959	21,7972	0,588496	-1,00516	0,314818	0,591024	no
AN7659	ChrIV_A_nidulans_FGSC_A4:2294318-2296239	WT_5hasex	WT_veg	OK	55,7173	77,0788	0,468209	-0,964045	0,335023	0,611234	no
AN7661	ChrIV_A_nidulans_FGSC_A4:2302033-2305283	WT_5hasex	WT_veg	OK	62,9047	179,59	1,51347	-3,11214	0,00185739	0,0131246	yes
AN7663	ChrIV_A_nidulans_FGSC_A4:2308223-2309357	WT_5hasex	WT_veg	NOTEST	0,660026	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN7665	ChrIV_A_nidulans_FGSC_A4:2316532-2317392	WT_5hasex	WT_veg	OK	19,7856	23,7406	0,262902	-0,441859	0,658591	0,846156	no
AN7666	ChrIV_A_nidulans_FGSC_A4:2318398-2320380	WT_5hasex	WT_veg	OK	20,6265	47,5785	1,21126	-2,40313	0,0162556	0,0761393	no
AN7667	ChrIV_A_nidulans_FGSC_A4:2323078-2324740	WT_5hasex	WT_veg	OK	2,55322	2,63517	0,0455788	-0,0560939	0,955267	0,983418	no
AN7668	ChrIV_A_nidulans_FGSC_A4:2325277-2326043	WT_5hasex	WT_veg	OK	11,2746	7,76409	-0,538188	0,706718	0,479742	0,734921	no

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AN7669	ChrIV_A_nidulans_FGSC_A4:2326440-2328062	WT_5hasex	WT_veg	OK	13,1482	11,4568	-0,198664	0,32741	0,743358	0,892056	no
AN7670	ChrIV_A_nidulans_FGSC_A4:2330476-2331919	WT_5hasex	WT_veg	OK	61,9163	100,451	0,698098	-1,434	0,151573	0,381604	no
AN7671	ChrIV_A_nidulans_FGSC_A4:2332975-2334255	WT_5hasex	WT_veg	OK	13,9299	44,156	1,66442	-2,63212	0,00848542	0,0457086	yes
AN7672	ChrIV_A_nidulans_FGSC_A4:2334526-2336250	WT_5hasex	WT_veg	OK	28,8741	121,777	2,07639	-4,12284	3,7423E-05	0,00046537	yes
AN7673	ChrIV_A_nidulans_FGSC_A4:2336652-2338101	WT_5hasex	WT_veg	OK	20,0408	15,648	-0,356965	0,639374	0,52258	0,764927	no
AN7674	ChrIV_A_nidulans_FGSC_A4:2338343-2339321	WT_5hasex	WT_veg	OK	20,6089	163,788	2,9905	-4,87742	1,0748E-06	1,9564E-05	yes
AN7675	ChrIV_A_nidulans_FGSC_A4:2339513-2340328	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7676	ChrIV_A_nidulans_FGSC_A4:2340911-2345658	WT_5hasex	WT_veg	OK	8,50609	15,0071	0,819081	-1,58245	0,113546	0,315769	no
AN7677	ChrIV_A_nidulans_FGSC_A4:2346519-2348409	WT_5hasex	WT_veg	OK	44,0648	60,6545	0,46099	-0,947601	0,343332	0,618805	no
AN7678	ChrIV_A_nidulans_FGSC_A4:2349371-2353853	WT_5hasex	WT_veg	OK	8,60905	11,4011	0,405245	-0,781978	0,434228	0,699921	no
AN7679	ChrIV_A_nidulans_FGSC_A4:2354695-2356159	WT_5hasex	WT_veg	OK	37,7007	49,2582	0,385774	-0,741921	0,458135	0,718697	no
AN7680	ChrIV_A_nidulans_FGSC_A4:2356336-2358614	WT_5hasex	WT_veg	OK	16,0706	17,4667	0,120183	-0,231368	0,817029	0,926749	no
AN7681	ChrIV_A_nidulans_FGSC_A4:2359351-2360350	WT_5hasex	WT_veg	OK	85,5469	158,65	0,891064	-1,84926	0,0644196	0,21255	no
AN7682	ChrIV_A_nidulans_FGSC_A4:2360944-2362027	WT_5hasex	WT_veg	OK	138,984	298,781	1,10417	-2,27977	0,0226214	0,0976928	no
AN7683	ChrIV_A_nidulans_FGSC_A4:2364852-2365905	WT_5hasex	WT_veg	OK	422,563	773,135	0,871553	-1,66503	0,0959059	0,281156	no
AN7684	ChrIV_A_nidulans_FGSC_A4:2367119-2368702	WT_5hasex	WT_veg	OK	3,20699	8,08291	1,33366	-1,85512	0,0635794	0,210493	no
AN7686	ChrIV_A_nidulans_FGSC_A4:2377052-2379470	WT_5hasex	WT_veg	OK	127,809	159,4	0,318663	-0,637461	0,523825	0,765724	no
AN7687	ChrIV_A_nidulans_FGSC_A4:2380219-2382796	WT_5hasex	WT_veg	OK	109,171	243,852	1,15942	-2,28858	0,0221037	0,0960363	no
AN7689	ChrIV_A_nidulans_FGSC_A4:2385977-2387405	WT_5hasex	WT_veg	OK	13,0847	42,2047	1,68952	-2,98202	0,00286353	0,018785	yes
AN7690	ChrIV_A_nidulans_FGSC_A4:2388817-2390013	WT_5hasex	WT_veg	OK	101,699	179,076	0,816269	-1,5712	0,116136	0,320304	no
AN7692	ChrIV_A_nidulans_FGSC_A4:2393034-2394025	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7695	ChrIV_A_nidulans_FGSC_A4:2402252-2404147	WT_5hasex	WT_veg	OK	25,6568	37,9529	0,564866	-1,13332	0,257078	0,526947	no
AN7699	ChrIV_A_nidulans_FGSC_A4:2416122-2417685	WT_5hasex	WT_veg	OK	50,3968	160,41	1,67036	-3,41962	0,00062709	0,00528052	yes
AN7700	ChrIV_A_nidulans_FGSC_A4:2418816-2421093	WT_5hasex	WT_veg	OK	42,4474	78,3217	0,883735	-1,79904	0,0720126	0,230084	no
AN7701	ChrIV_A_nidulans_FGSC_A4:2423346-2423864	WT_5hasex	WT_veg	OK	66,2202	125,973	0,927775	-1,63338	0,10239	0,29453	no
AN7702	ChrIV_A_nidulans_FGSC_A4:2425119-2428074	WT_5hasex	WT_veg	NOTEST	0,112108	1,48477	3,72728	-1,88543	0,0593719	1	no
AN7704	ChrIV_A_nidulans_FGSC_A4:2434289-2437155	WT_5hasex	WT_veg	OK	69,8313	103,865	0,572769	-1,17414	0,240339	0,506118	no
AN7705	ChrIV_A_nidulans_FGSC_A4:2437322-2439029	WT_5hasex	WT_veg	OK	43,723	71,8071	0,715736	-1,47173	0,141093	0,364358	no
AN7706	ChrIV_A_nidulans_FGSC_A4:2439331-2440990	WT_5hasex	WT_veg	OK	66,5669	153,77	1,2079	-2,49465	0,0126082	0,0625599	no
AN7707	ChrIV_A_nidulans_FGSC_A4:2441195-2443610	WT_5hasex	WT_veg	OK	42,1597	71,3562	0,759175	-1,55559	0,119806	0,327391	no
AN7708	ChrIV_A_nidulans_FGSC_A4:2445025-2447630	WT_5hasex	WT_veg	OK	478,528	2228,36	2,21931	-4,14842	3,3478E-05	0,00042192	yes
AN7709	ChrIV_A_nidulans_FGSC_A4:2445025-2447630	WT_5hasex	WT_veg	OK	19,3567	49,7455	1,36173	-2,54137	0,0110418	0,0563347	no
AN7710	ChrIV_A_nidulans_FGSC_A4:2448968-2450308	WT_5hasex	WT_veg	OK	851,897	2410,52	1,50059	-2,37385	0,0176036	0,0807974	no
AN7711	ChrIV_A_nidulans_FGSC_A4:2451739-2453011	WT_5hasex	WT_veg	OK	137,576	162,119	0,236822	-0,481138	0,630418	0,830739	no
AN7712	ChrIV_A_nidulans_FGSC_A4:2453105-2454091	WT_5hasex	WT_veg	OK	251,244	1078,99	2,10252	-4,15565	3,2436E-05	0,00041131	yes
AN7713	ChrIV_A_nidulans_FGSC_A4:2455950-2457498	WT_5hasex	WT_veg	OK	56,4153	130,337	1,20809	-2,45635	0,0140358	0,0679135	no
AN7714	ChrIV_A_nidulans_FGSC_A4:2459274-2462051	WT_5hasex	WT_veg	OK	57,0832	70,0388	0,295089	-0,584455	0,558914	0,788165	no
AN7715	ChrIV_A_nidulans_FGSC_A4:2462863-2464186	WT_5hasex	WT_veg	OK	36,1322	33,5321	-0,107742	0,211536	0,832469	0,933552	no
AN7716	ChrIV_A_nidulans_FGSC_A4:2464579-2465317	WT_5hasex	WT_veg	OK	3,94318	3,67196	-0,10281	0,105053	0,916334	0,968125	no
AN7717	ChrIV_A_nidulans_FGSC_A4:2466030-2467266	WT_5hasex	WT_veg	OK	153,751	268,953	0,806759	-1,54747	0,12175	0,330915	no
AN7719	ChrIV_A_nidulans_FGSC_A4:2471781-2472739	WT_5hasex	WT_veg	OK	47,283	116,969	1,30674	-2,56024	0,0104599	0,0539703	no
AN7720	ChrIV_A_nidulans_FGSC_A4:2475442-2476990	WT_5hasex	WT_veg	OK	18,5456	19,6793	0,0856017	-0,158911	0,873739	0,951647	no
AN7721	ChrIV_A_nidulans_FGSC_A4:2477390-2479512	WT_5hasex	WT_veg	OK	142,407	142,678	0,00274216	-0,00548419	0,995624	0,998362	no
AN7722	ChrIV_A_nidulans_FGSC_A4:2479570-2481023	WT_5hasex	WT_veg	OK	74,6562	77,8732	0,0608644	-0,118789	0,905442	0,96388	no
AN7723	ChrIV_A_nidulans_FGSC_A4:2481574-2483236	WT_5hasex	WT_veg	OK	21,4899	24,8047	0,206957	-0,39625	0,691921	0,864831	no
AN7724	ChrIV_A_nidulans_FGSC_A4:2483342-2483979	WT_5hasex	WT_veg	OK	128,059	753,81	2,5574	-5,30636	1,1184E-07	2,576E-06	yes
AN7727	ChrIV_A_nidulans_FGSC_A4:2491875-2493909	WT_5hasex	WT_veg	OK	41,8415	180,15	2,10619	-4,14021	3,4699E-05	0,00043552	yes
AN7728	ChrIV_A_nidulans_FGSC_A4:2503308-2504374	WT_5hasex	WT_veg	NOTEST	0,329047	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN7729	ChrIV_A_nidulans_FGSC_A4:2506580-2511471	WT_5hasex	WT_veg	OK	38,8854	107,787	1,47088	-3,01968	0,00253045	0,016987	yes
AN7731	ChrIV_A_nidulans_FGSC_A4:2519933-2523149	WT_5hasex	WT_veg	OK	6,57165	11,5508	0,813662	-1,40427	0,160237	0,395741	no
AN7732	ChrIV_A_nidulans_FGSC_A4:2523692-2524930	WT_5hasex	WT_veg	OK	15,0741	23,2046	0,622345	-1,09498	0,273527	0,546256	no
AN7733	ChrIV_A_nidulans_FGSC_A4:2527014-2528252	WT_5hasex	WT_veg	OK	16,0826	20,643	0,360156	-0,627164	0,530552	0,769923	no
AN7736	ChrIV_A_nidulans_FGSC_A4:2540017-2542133	WT_5hasex	WT_veg	OK	121,514	226,535	0,898612	-1,69085	0,0908646	0,270677	no

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AN7737	ChrIV_A_nidulans_FGSC_A4:2542427-2544464	WT_5hasex	WT_veg	NOTEST	0,583711	0,873355	0,581313	-0,51741	0,60487	1	no
AN7738	ChrIV_A_nidulans_FGSC_A4:2545129-2545651	WT_5hasex	WT_veg	OK	5,31698	9,36964	0,817387	-0,980201	0,326987	0,603262	no
AN7739	ChrIV_A_nidulans_FGSC_A4:2548545-2549388	WT_5hasex	WT_veg	OK	20,0056	25,4794	0,348928	-0,59368	0,552726	0,783637	no
AN7741	ChrIV_A_nidulans_FGSC_A4:2550696-2552149	WT_5hasex	WT_veg	OK	33,6395	43,8262	0,381637	-0,760699	0,446837	0,710007	no
AN7742	ChrIV_A_nidulans_FGSC_A4:2559828-2560900	WT_5hasex	WT_veg	OK	173,435	236,009	0,444452	-0,918321	0,358451	0,633445	no
AN7744	ChrIV_A_nidulans_FGSC_A4:2564390-2565949	WT_5hasex	WT_veg	OK	9,55343	13,2029	0,466765	-0,753283	0,45128	0,713148	no
AN7745	ChrIV_A_nidulans_FGSC_A4:2566609-2570120	WT_5hasex	WT_veg	OK	14,4516	10,7694	-0,424294	0,862244	0,388553	0,661994	no
AN7747	ChrIV_A_nidulans_FGSC_A4:2571772-2573116	WT_5hasex	WT_veg	OK	23,1219	57,3457	1,31043	-2,41782	0,0156139	0,0737181	no
AN7749	ChrIV_A_nidulans_FGSC_A4:2582519-2584911	WT_5hasex	WT_veg	OK	60,7577	177,419	1,54602	-3,20952	0,00132955	0,00993597	yes
AN7750	ChrIV_A_nidulans_FGSC_A4:2586744-2589951	WT_5hasex	WT_veg	OK	43,7642	74,564	0,768728	-1,60697	0,108061	0,305769	no
AN7752	ChrIV_A_nidulans_FGSC_A4:2596677-2598205	WT_5hasex	WT_veg	OK	113,887	193,755	0,766637	-1,59083	0,111647	0,312144	no
AN7754	ChrIV_A_nidulans_FGSC_A4:2601289-2602503	WT_5hasex	WT_veg	OK	5,88099	20,8539	1,82619	-2,51766	0,0118136	0,059399	no
AN7755	ChrIV_A_nidulans_FGSC_A4:2603482-2604481	WT_5hasex	WT_veg	OK	30,0258	131,713	2,13313	-4,08491	4,4094E-05	0,00053711	yes
AN7756	ChrIV_A_nidulans_FGSC_A4:2604714-2606036	WT_5hasex	WT_veg	OK	1,45792	11,0304	2,91949	-3,58209	0,00034085	0,00313851	yes
AN7758	ChrIV_A_nidulans_FGSC_A4:2617185-2618449	WT_5hasex	WT_veg	OK	66,3713	104,933	0,660832	-1,3198	0,186902	0,436241	no
AN7759	ChrIV_A_nidulans_FGSC_A4:2618468-2620140	WT_5hasex	WT_veg	OK	14,7024	29,0278	0,981383	-1,79347	0,0728973	0,231893	no
AN7760	ChrIV_A_nidulans_FGSC_A4:2620517-2622132	WT_5hasex	WT_veg	OK	42,0299	83,1612	0,984495	-2,02212	0,0431641	0,159535	no
AN7761	ChrIV_A_nidulans_FGSC_A4:2622446-2625307	WT_5hasex	WT_veg	OK	5,00239	7,3197	0,549167	-0,918286	0,358469	0,633456	no
AN7762	ChrIV_A_nidulans_FGSC_A4:2625539-2626916	WT_5hasex	WT_veg	OK	18,4404	75,7132	2,03767	-3,61644	0,00029868	0,00281094	yes
AN7764	ChrIV_A_nidulans_FGSC_A4:2636641-2638422	WT_5hasex	WT_veg	OK	6,03572	6,79969	0,171941	-0,262631	0,792835	0,915859	no
AN7765	ChrIV_A_nidulans_FGSC_A4:2639574-2640934	WT_5hasex	WT_veg	OK	41,339	71,9429	0,799348	-1,54906	0,121368	0,330213	no
AN7766	ChrIV_A_nidulans_FGSC_A4:2641203-2642019	WT_5hasex	WT_veg	OK	3,2383	2,80025	-0,209684	0,205652	0,837062	0,93521	no
AN7767	ChrIV_A_nidulans_FGSC_A4:2642761-2643766	WT_5hasex	WT_veg	NOTEST	0,60029	2,56319	2,09421	-1,86306	0,0624531	1	no
AN7768	ChrIV_A_nidulans_FGSC_A4:2644126-2646609	WT_5hasex	WT_veg	NOTEST	0,259871	0,346491	0,415022	-0,257488	0,796802	1	no
AN7769	ChrIV_A_nidulans_FGSC_A4:2647406-2648191	WT_5hasex	WT_veg	NOTEST	0,255992	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7770	ChrIV_A_nidulans_FGSC_A4:2648599-2649817	WT_5hasex	WT_veg	OK	33,4913	23,5954	-0,505279	0,936622	0,348953	0,624715	no
AN7771	ChrIV_A_nidulans_FGSC_A4:2650412-2651026	WT_5hasex	WT_veg	OK	219,629	619,753	1,49662	-3,01826	0,00254227	0,0170555	yes
AN7774	ChrIV_A_nidulans_FGSC_A4:2658568-2659880	WT_5hasex	WT_veg	OK	37,0996	7,71963	-2,2648	3,49539	0,00047336	0,00415496	yes
AN7775	ChrIV_A_nidulans_FGSC_A4:2660815-2662144	WT_5hasex	WT_veg	NOTEST	0,867541	0,936494	0,110337	-0,0819189	0,934711	1	no
AN7776	ChrIV_A_nidulans_FGSC_A4:2664014-2665644	WT_5hasex	WT_veg	OK	9,71622	33,2341	1,7742	-2,86509	0,00416889	0,0256587	yes
AN7777	ChrIV_A_nidulans_FGSC_A4:2666052-2667795	WT_5hasex	WT_veg	OK	39,6498	55,6569	0,489247	-1,00511	0,314842	0,591024	no
AN7778	ChrIV_A_nidulans_FGSC_A4:2668318-2669415	WT_5hasex	WT_veg	OK	14,1858	15,1678	0,0965633	-0,157232	0,875062	0,952178	no
AN7779	ChrIV_A_nidulans_FGSC_A4:2670465-2672265	WT_5hasex	WT_veg	OK	50,1336	127,292	1,34429	-2,68598	0,00723174	0,0401821	yes
AN7780	ChrIV_A_nidulans_FGSC_A4:2674056-2674531	WT_5hasex	WT_veg	OK	91,8431	109,522	0,253983	-0,476158	0,633962	0,832603	no
AN7781	ChrIV_A_nidulans_FGSC_A4:2674705-2675861	WT_5hasex	WT_veg	OK	4,92898	10,8944	1,14422	-1,61546	0,106211	0,302203	no
AN7782	ChrIV_A_nidulans_FGSC_A4:2676502-2677510	WT_5hasex	WT_veg	OK	7,18866	21,3902	1,57316	-2,28342	0,0224055	0,0970264	no
AN7783	ChrIV_A_nidulans_FGSC_A4:2678587-2684045	WT_5hasex	WT_veg	OK	8,3348	13,972	0,745322	-1,48436	0,137714	0,358656	no
AN7785	ChrIV_A_nidulans_FGSC_A4:2690313-2691821	WT_5hasex	WT_veg	OK	393,432	466,772	0,246603	-0,430451	0,666868	0,851139	no
AN7786	ChrIV_A_nidulans_FGSC_A4:2692816-2693337	WT_5hasex	WT_veg	OK	12,5675	28,3326	1,17277	-1,68124	0,092716	0,274709	no
AN7787	ChrIV_A_nidulans_FGSC_A4:2693560-2694809	WT_5hasex	WT_veg	NOTEST	0,860463	0	-1.79769e+308	-1.79769e+308	0,0444135	1	no
AN7788	ChrIV_A_nidulans_FGSC_A4:2695557-2697101	WT_5hasex	WT_veg	NOTEST	0,120926	0,563803	2,22106	-1,14626	0,251686	1	no
AN7789	ChrIV_A_nidulans_FGSC_A4:2697136-2698903	WT_5hasex	WT_veg	NOTEST	0,279108	0,456349	0,709313	-0,425388	0,670554	1	no
AN7790	ChrIV_A_nidulans_FGSC_A4:2699188-2702650	WT_5hasex	WT_veg	NOTEST	0,140396	0	-1.79769e+308	-1.79769e+308	0,238385	1	no
AN7792	ChrIV_A_nidulans_FGSC_A4:2707047-2709115	WT_5hasex	WT_veg	OK	43,8126	57,7934	0,399558	-0,646704	0,517824	0,761866	no
AN7794	ChrIV_A_nidulans_FGSC_A4:2712885-2714263	WT_5hasex	WT_veg	OK	44,8171	146,935	1,71306	-3,11326	0,00185031	0,0130845	yes
AN7796	ChrIV_A_nidulans_FGSC_A4:2718415-2719515	WT_5hasex	WT_veg	OK	49,4984	13,1882	-1,90814	3,18831	0,00143106	0,0105576	yes
AN7797	ChrIV_A_nidulans_FGSC_A4:2720288-2721416	WT_5hasex	WT_veg	OK	22,7013	29,7174	0,388533	-0,6947	0,487244	0,740807	no
AN7798	ChrIV_A_nidulans_FGSC_A4:2722052-2723444	WT_5hasex	WT_veg	OK	81,639	87,4401	0,0990363	-0,195183	0,845249	0,938963	no
AN7799	ChrIV_A_nidulans_FGSC_A4:2723929-2724697	WT_5hasex	WT_veg	OK	39,5137	196,305	2,31268	-4,40625	1,0518E-05	0,00015038	yes
AN7801	ChrIV_A_nidulans_FGSC_A4:2730504-2731491	WT_5hasex	WT_veg	NOTEST	1,0126	1,14911	0,182453	-0,14031	0,888415	1	no
AN7809	ChrIV_A_nidulans_FGSC_A4:2745573-2747209	WT_5hasex	WT_veg	NOTEST	0,112581	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN7817	ChrIV_A_nidulans_FGSC_A4:2768786-2770321	WT_5hasex	WT_veg	NOTEST	0,683709	2,87849	2,07386	-1,98975	0,0466183	1	no
AN7819	ChrIV_A_nidulans_FGSC_A4:2773071-2774354	WT_5hasex	WT_veg	OK	1,49043	6,14724	2,04421	-2,07737	0,0377672	0,144543	no

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AN7822	ChrIV_A_nidulans_FGSC_A4:2777783-2778173	WT_5hasex	WT_veg	OK	6,75695	7,76896	0,20135	-0,191022	0,848509	0,94045	no
AN7826	ChrIV_A_nidulans_FGSC_A4:2791289-2792610	WT_5hasex	WT_veg	OK	12,8632	86,484	2,74918	-4,60931	4,04E-06	6,3844E-05	yes
AN7827	ChrIV_A_nidulans_FGSC_A4:2794764-2795742	WT_5hasex	WT_veg	NOTEST	0,596623	3,40758	2,51386	-1,85045	0,0642493		1 no
AN7830	ChrIV_A_nidulans_FGSC_A4:2802275-2803526	WT_5hasex	WT_veg	OK	32,8716	80,3592	1,28962	-2,56718	0,010253	0,0531329	no
AN7831	ChrIV_A_nidulans_FGSC_A4:2806623-2807429	WT_5hasex	WT_veg	OK	2,49633	3,84769	0,624183	-0,581143	0,561144	0,789742	no
AN7832	ChrIV_A_nidulans_FGSC_A4:2807782-2809787	WT_5hasex	WT_veg	OK	8,62625	2,43635	-1,82401	2,67487	0,00747576	0,0412928	yes
AN7833	ChrIV_A_nidulans_FGSC_A4:2812255-2812792	WT_5hasex	WT_veg	NOTEST	1,73805	2,21655	0,350848	-0,226179	0,821063		1 no
AN7834	ChrIV_A_nidulans_FGSC_A4:2813369-2815817	WT_5hasex	WT_veg	OK	4,42148	8,60106	0,959984	-1,41167	0,158047	0,392382	no
AN7836	ChrIV_A_nidulans_FGSC_A4:2821507-2822875	WT_5hasex	WT_veg	OK	26,1377	15,5158	-0,752395	1,42037	0,155501	0,388017	no
AN7839	ChrIV_A_nidulans_FGSC_A4:2832750-2837949	WT_5hasex	WT_veg	OK	11,331	29,5001	1,38044	-2,41823	0,015596	0,0736405	no
AN7840	ChrIV_A_nidulans_FGSC_A4:2845607-2846147	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7842	ChrIV_A_nidulans_FGSC_A4:2852440-2856857	WT_5hasex	WT_veg	NOTEST	0,281815	0,410039	0,541013	-0,345091	0,730026		1 no
AN7845	ChrIV_A_nidulans_FGSC_A4:2863055-2864976	WT_5hasex	WT_veg	OK	2,17383	3,17813	0,547934	-0,686449	0,49243	0,744444	no
AN7846	ChrIV_A_nidulans_FGSC_A4:2865567-2866462	WT_5hasex	WT_veg	NOTEST	1,98806	2,88207	0,535743	-0,474383	0,635227		1 no
AN7847	ChrIV_A_nidulans_FGSC_A4:2868908-2871581	WT_5hasex	WT_veg	OK	2,69953	2,14398	-0,332412	0,390789	0,695954	0,867071	no
AN7848	ChrIV_A_nidulans_FGSC_A4:2883778-2885390	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7849	ChrII_A_nidulans_FGSC_A4:5153-5901	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7850	ChrII_A_nidulans_FGSC_A4:7235-7821	WT_5hasex	WT_veg	OK	7,39821	12,7041	0,780048	-1,0413	0,297739	0,572933	no
AN7851	ChrII_A_nidulans_FGSC_A4:8845-9614	WT_5hasex	WT_veg	NOTEST	1,3236	1,26351	-0,0670326	0,0445919	0,964433		1 no
AN7852	ChrII_A_nidulans_FGSC_A4:11599-13372	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7853	ChrII_A_nidulans_FGSC_A4:13670-14418	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7854	ChrII_A_nidulans_FGSC_A4:17198-17968	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7855	ChrII_A_nidulans_FGSC_A4:18409-21641	WT_5hasex	WT_veg	OK	4,01086	1,37513	-1,54434	1,61917	0,10541	0,300479	no
AN7856	ChrII_A_nidulans_FGSC_A4:22130-23932	WT_5hasex	WT_veg	OK	5,96558	3,05631	-0,964871	1,33537	0,181755	0,428733	no
AN7857	ChrII_A_nidulans_FGSC_A4:25425-26361	WT_5hasex	WT_veg	NOTEST	0,992445	0,204558	-2,27848	0,754876	0,450323		1 no
AN7858	ChrII_A_nidulans_FGSC_A4:27192-28594	WT_5hasex	WT_veg	NOTEST	0,819416	1,89372	1,20855	-1,07094	0,284198		1 no
AN7859	ChrII_A_nidulans_FGSC_A4:31153-33678	WT_5hasex	WT_veg	NOTEST	0,275832	0,330829	0,262295	-0,159115	0,873578		1 no
AN7860	ChrII_A_nidulans_FGSC_A4:34560-36636	WT_5hasex	WT_veg	NOTEST	1,27897	0,323245	-1,98428	1,33951	0,180404		1 no
AN7861	ChrII_A_nidulans_FGSC_A4:41344-42024	WT_5hasex	WT_veg	NOTEST	0,781782	0	-1.79769e+308	-1.79769e+308	0,133588		1 no
AN7862	ChrII_A_nidulans_FGSC_A4:43093-43655	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7863	ChrII_A_nidulans_FGSC_A4:45710-48033	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7866	ChrII_A_nidulans_FGSC_A4:57941-59689	WT_5hasex	WT_veg	OK	6,42442	0,906768	-2,82476	2,80321	0,00505959	0,0300298	yes
AN7867	ChrII_A_nidulans_FGSC_A4:60243-62529	WT_5hasex	WT_veg	OK	4,96984	0,923636	-2,4278	2,56361	0,010359	0,0535653	no
AN7868	ChrII_A_nidulans_FGSC_A4:62845-63988	WT_5hasex	WT_veg	NOTEST	0,19622	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN7869	ChrII_A_nidulans_FGSC_A4:65124-68303	WT_5hasex	WT_veg	NOTEST	0,530594	1,12651	1,08619	-1,05662	0,290687		1 no
AN7870	ChrII_A_nidulans_FGSC_A4:69377-70915	WT_5hasex	WT_veg	OK	8,53984	1,15274	-2,88914	2,96893	0,00298842	0,0194896	yes
AN7871	ChrII_A_nidulans_FGSC_A4:71895-72807	WT_5hasex	WT_veg	NOTEST	0	0,248715	1.79769e+308	1.79769e+308	0,309884		1 no
AN7872	ChrII_A_nidulans_FGSC_A4:74782-76663	WT_5hasex	WT_veg	OK	13,5298	23,8574	0,818296	-1,51324	0,130218	0,345678	no
AN7873	ChrII_A_nidulans_FGSC_A4:81980-88480	WT_5hasex	WT_veg	OK	3,00189	7,45771	1,31286	-2,34877	0,0188353	0,0849989	no
AN7874	ChrII_A_nidulans_FGSC_A4:89354-90365	WT_5hasex	WT_veg	OK	2,40057	13,2392	2,46336	-3,10558	0,00189903	0,0133628	yes
AN7875	ChrII_A_nidulans_FGSC_A4:90611-91135	WT_5hasex	WT_veg	NOTEST	0,563699	0	-1.79769e+308	-1.79769e+308	0,23809		1 no
AN7876	ChrII_A_nidulans_FGSC_A4:91759-93086	WT_5hasex	WT_veg	NOTEST	0,426175	2,17245	2,3498	-1,72644	0,0842674		1 no
AN7877	ChrII_A_nidulans_FGSC_A4:93314-94619	WT_5hasex	WT_veg	OK	34,2373	96,5443	1,49562	-2,97482	0,00293156	0,0191781	yes
AN7878	ChrII_A_nidulans_FGSC_A4:95170-96407	WT_5hasex	WT_veg	OK	1,74147	5,14651	1,56329	-1,89755	0,0577548	0,196562	no
AN7879	ChrII_A_nidulans_FGSC_A4:96717-101816	WT_5hasex	WT_veg	NOTEST	0,473353	1,33819	1,49929	-1,8689	0,0616369		1 no
AN7880	ChrII_A_nidulans_FGSC_A4:102917-108494	WT_5hasex	WT_veg	NOTEST	0,238847	0,621516	1,37971	-1,42274	0,154811		1 no
AN7883	ChrII_A_nidulans_FGSC_A4:115973-116675	WT_5hasex	WT_veg	NOTEST	0,46545	2,38876	2,35956	-1,04766	0,294796		1 no
AN7884	ChrII_A_nidulans_FGSC_A4:118327-139717	WT_5hasex	WT_veg	NOTEST	0,956073	0,235559	-2,02103	3,13753	0,00170376		1 no
AN7885	ChrII_A_nidulans_FGSC_A4:140526-141116	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN7886	ChrII_A_nidulans_FGSC_A4:143925-144552	WT_5hasex	WT_veg	NOTEST	0,47107	0	-1.79769e+308	-1.79769e+308	0,224063		1 no
AN7887	ChrII_A_nidulans_FGSC_A4:145540-146283	WT_5hasex	WT_veg	NOTEST	1,20079	0	-1.79769e+308	-1.79769e+308	0,0649158		1 no
AN7888	ChrII_A_nidulans_FGSC_A4:147609-148575	WT_5hasex	WT_veg	OK	3,10241	1,9339	-0,681875	0,685165	0,49324	0,744906	no
AN7889	ChrII_A_nidulans_FGSC_A4:151697-154524	WT_5hasex	WT_veg	OK	44,5569	135,068	1,59996	-3,22974	0,00123904	0,00936374	yes

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AN7890	ChrII_A_nidulans_FGSC_A4:151697-154524	WT_5hasex	WT_veg	OK	12,3683	32,5909	1,39783	-2,34304	0,0191274	0,0860209	no
AN7891	ChrII_A_nidulans_FGSC_A4:156779-158388	WT_5hasex	WT_veg	OK	13,9495	0,732813	-4,25062	3,1502	0,00163158	0,0117847	yes
AN7892	ChrII_A_nidulans_FGSC_A4:158620-159614	WT_5hasex	WT_veg	OK	1036,27	2258,65	1,12407	-1,73522	0,0827015	0,253729	no
AN7893	ChrII_A_nidulans_FGSC_A4:163722-164821	WT_5hasex	WT_veg	OK	10,1158	2,54637	-1,9901	2,3403	0,0192683	0,0864764	no
AN7894	ChrII_A_nidulans_FGSC_A4:165555-165888	WT_5hasex	WT_veg	OK	27,5425	12,1604	-1,17947	1,52782	0,126557	0,339059	no
AN7896	ChrII_A_nidulans_FGSC_A4:171086-173141	WT_5hasex	WT_veg	OK	6,37709	2,75756	-1,20951	1,72058	0,0853272	0,259372	no
AN7897	ChrII_A_nidulans_FGSC_A4:173426-174707	WT_5hasex	WT_veg	OK	3,79333	0,695779	-2,44677	1,74109	0,0816681	0,25127	no
AN7898	ChrII_A_nidulans_FGSC_A4:175939-177310	WT_5hasex	WT_veg	OK	6,75941	0,312821	-4,43349	2,83193	0,00462676	0,0279451	yes
AN7899	ChrII_A_nidulans_FGSC_A4:178094-178931	WT_5hasex	WT_veg	OK	4,99076	1,75611	-1,50688	1,42592	0,153891	0,38546	no
AN7900	ChrII_A_nidulans_FGSC_A4:179190-180632	WT_5hasex	WT_veg	OK	1,97524	0	-1.79769e+308	-1.79769e+308	0,0171341	0,0792463	no
AN7901	ChrII_A_nidulans_FGSC_A4:182132-183536	WT_5hasex	WT_veg	OK	2,01309	1,9411	-0,0525389	0,0555945	0,955665	0,983556	no
AN7902	ChrII_A_nidulans_FGSC_A4:183793-185246	WT_5hasex	WT_veg	OK	4,21773	1,7605	-1,26048	1,37386	0,169486	0,409887	no
AN7903	ChrII_A_nidulans_FGSC_A4:186498-194381	WT_5hasex	WT_veg	NOTEST	0,402043	0,109003	-1,88298	1,29829	0,194188	1	no
AN7904	ChrII_A_nidulans_FGSC_A4:195663-196335	WT_5hasex	WT_veg	OK	40,4256	36,611	-0,142991	0,25422	0,799326	0,919005	no
AN7905	ChrII_A_nidulans_FGSC_A4:197486-198368	WT_5hasex	WT_veg	NOTEST	1,36582	0,951894	-0,520896	0,333427	0,738812	1	no
AN7906	ChrII_A_nidulans_FGSC_A4:201029-201832	WT_5hasex	WT_veg	NOTEST	0,493171	1,36343	1,46708	-0,807877	0,419162	1	no
AN7907	ChrII_A_nidulans_FGSC_A4:202292-202844	WT_5hasex	WT_veg	OK	3,36474	5,00867	0,57393	-0,534434	0,593042	0,80878	no
AN7913	ChrII_A_nidulans_FGSC_A4:219024-220864	WT_5hasex	WT_veg	OK	15,4699	45,7799	1,56525	-2,85402	0,00431695	0,0264241	yes
AN7914	ChrII_A_nidulans_FGSC_A4:220999-222186	WT_5hasex	WT_veg	OK	7,01398	22,0598	1,65312	-2,54042	0,0110718	0,0564547	no
AN7916	ChrII_A_nidulans_FGSC_A4:226925-228844	WT_5hasex	WT_veg	NOTEST	1,18908	0,554407	-1,10083	0,741663	0,458292	1	no
AN7917	ChrII_A_nidulans_FGSC_A4:229457-231020	WT_5hasex	WT_veg	OK	8,81987	16,4272	0,897256	-1,34671	0,178074	0,423194	no
AN7918	ChrII_A_nidulans_FGSC_A4:231521-232250	WT_5hasex	WT_veg	OK	9,76142	23,1763	1,24748	-1,71474	0,0863926	0,261776	no
AN7919	ChrII_A_nidulans_FGSC_A4:232289-234920	WT_5hasex	WT_veg	OK	1,01504	4,67194	2,20249	-2,68845	0,00717842	0,0399397	yes
AN7920	ChrII_A_nidulans_FGSC_A4:235551-236628	WT_5hasex	WT_veg	OK	3,74755	9,67686	1,36859	-1,78489	0,0742792	0,234962	no
AN7921	ChrII_A_nidulans_FGSC_A4:239283-241568	WT_5hasex	WT_veg	OK	14,7444	13,216	-0,157875	0,292043	0,770254	0,905596	no
AN7922	ChrII_A_nidulans_FGSC_A4:241587-242503	WT_5hasex	WT_veg	OK	14,5786	14,4032	-0,017464	0,0278379	0,977791	0,992277	no
AN7923	ChrII_A_nidulans_FGSC_A4:242820-243972	WT_5hasex	WT_veg	OK	11,3245	16,4031	0,534523	-0,881036	0,378298	0,652799	no
AN7924	ChrII_A_nidulans_FGSC_A4:244425-245099	WT_5hasex	WT_veg	OK	8,02054	26,1483	1,70495	-2,39251	0,0167337	0,0778342	no
AN7925	ChrII_A_nidulans_FGSC_A4:246188-246967	WT_5hasex	WT_veg	OK	37,6508	55,2132	0,552334	-1,01051	0,312252	0,588521	no
AN7926	ChrII_A_nidulans_FGSC_A4:247533-248601	WT_5hasex	WT_veg	OK	0,842535	3,93086	2,22204	-2,25106	0,0243815	0,103402	no
AN7927	ChrII_A_nidulans_FGSC_A4:249139-250033	WT_5hasex	WT_veg	OK	0,712604	5,80684	3,02658	-2,50729	0,012166	0,0608149	no
AN7928	ChrII_A_nidulans_FGSC_A4:250292-254873	WT_5hasex	WT_veg	NOTEST	0,183555	0	-1.79769e+308	-1.79769e+308	0,0600506	1	no
AN7929	ChrII_A_nidulans_FGSC_A4:255232-256267	WT_5hasex	WT_veg	NOTEST	0	0,848789	1.79769e+308	1.79769e+308	0,123323	1	no
AN7930	ChrII_A_nidulans_FGSC_A4:256544-257720	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7933	ChrII_A_nidulans_FGSC_A4:263586-264644	WT_5hasex	WT_veg	NOTEST	0,400594	0,824435	1,04126	-0,601752	0,547339	1	no
AN7934	ChrII_A_nidulans_FGSC_A4:265056-266224	WT_5hasex	WT_veg	OK	6,42498	6,64129	0,047772	-0,061244	0,951165	0,982048	no
AN7935	ChrII_A_nidulans_FGSC_A4:266513-267645	WT_5hasex	WT_veg	OK	15,2749	15,8771	0,0557777	-0,0923424	0,926426	0,972068	no
AN7936	ChrII_A_nidulans_FGSC_A4:268390-269956	WT_5hasex	WT_veg	OK	43,6069	83,3861	0,93525	-1,853	0,0638825	0,21122	no
AN7938	ChrII_A_nidulans_FGSC_A4:273686-275651	WT_5hasex	WT_veg	NOTEST	0,485769	0,375135	-0,37286	0,227804	0,819798	1	no
AN7939	ChrII_A_nidulans_FGSC_A4:277013-278511	WT_5hasex	WT_veg	OK	0,59358	5,55102	3,22524	-2,94788	0,00319965	0,0206259	yes
AN7940	ChrII_A_nidulans_FGSC_A4:279721-281243	WT_5hasex	WT_veg	NOTEST	0	0,733264	1.79769e+308	1.79769e+308	0,123323	1	no
AN7941	ChrII_A_nidulans_FGSC_A4:283305-283848	WT_5hasex	WT_veg	OK	2,57893	7,58664	1,55669	-1,72122	0,085211	0,259157	no
AN7942	ChrII_A_nidulans_FGSC_A4:284171-285774	WT_5hasex	WT_veg	OK	4,27258	8,76387	1,03646	-1,52437	0,127415	0,340636	no
AN7943	ChrII_A_nidulans_FGSC_A4:287241-288296	WT_5hasex	WT_veg	OK	2,92342	1,86052	-0,651949	0,649534	0,515993	0,760314	no
AN7944	ChrII_A_nidulans_FGSC_A4:291772-292867	WT_5hasex	WT_veg	OK	62,1706	544,499	3,13062	-6,10922	1,0012E-09	3,5424E-08	yes
AN7946	ChrII_A_nidulans_FGSC_A4:297654-298529	WT_5hasex	WT_veg	NOTEST	0,920566	1,22117	0,407677	-0,308039	0,758053	1	no
AN7947	ChrII_A_nidulans_FGSC_A4:299535-300980	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7948	ChrII_A_nidulans_FGSC_A4:302108-303974	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN7949	ChrII_A_nidulans_FGSC_A4:304446-307034	WT_5hasex	WT_veg	OK	7,0882	5,71726	-0,310096	0,523381	0,600709	0,813641	no
AN7951	ChrII_A_nidulans_FGSC_A4:310558-312729	WT_5hasex	WT_veg	OK	16,5315	38,0924	1,20429	-2,25195	0,0243252	0,103214	no
AN7952	ChrII_A_nidulans_FGSC_A4:312818-315849	WT_5hasex	WT_veg	OK	4,43552	7,9698	0,84544	-1,20236	0,229226	0,492377	no
AN7953	ChrII_A_nidulans_FGSC_A4:316179-317243	WT_5hasex	WT_veg	OK	4,41247	37,9779	3,1055	-4,05747	4,9607E-05	0,00059403	yes
AN7954	ChrII_A_nidulans_FGSC_A4:317490-318640	WT_5hasex	WT_veg	OK	0,78813	21,1459	4,7458	-4,66167	3,1365E-06	5,1218E-05	yes

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AN7956	ChrII_A_nidulans_FGSC_A4:322664-323925	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7957	ChrII_A_nidulans_FGSC_A4:325298-326182	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7958	ChrII_A_nidulans_FGSC_A4:326282-328205	WT_5hasex	WT_veg	NOTEST	0,340178	0	-1.79769e+308	-1.79769e+308	0,107729	0	1	no
AN7959	ChrII_A_nidulans_FGSC_A4:329446-330265	WT_5hasex	WT_veg	OK	7,0503	82,6055	3,55048	-4,53389	5,7907E-06	8,8313E-05	yes	
AN7960	ChrII_A_nidulans_FGSC_A4:330642-331047	WT_5hasex	WT_veg	OK	18,5286	358,776	4,27526	-5,66015	1,5124E-08	4,2067E-07	yes	
AN7961	ChrII_A_nidulans_FGSC_A4:331363-331915	WT_5hasex	WT_veg	OK	21,6505	47,923	1,14632	-1,55906	0,118982	0,32587	no	
AN7963	ChrII_A_nidulans_FGSC_A4:334712-335110	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7964	ChrII_A_nidulans_FGSC_A4:336366-338123	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7965	ChrII_A_nidulans_FGSC_A4:338930-339777	WT_5hasex	WT_veg	NOTEST	0,533067	0	-1.79769e+308	-1.79769e+308	0,224063	0	1	no
AN7966	ChrII_A_nidulans_FGSC_A4:341508-342985	WT_5hasex	WT_veg	NOTEST	0,165238	0	-1.79769e+308	-1.79769e+308	0,165569	0	1	no
AN7967	ChrII_A_nidulans_FGSC_A4:343790-345717	WT_5hasex	WT_veg	OK	4,57556	15,72	1,78058	-2,24184	0,0249716	0,105326	no	
AN7968	ChrII_A_nidulans_FGSC_A4:347107-347787	WT_5hasex	WT_veg	OK	1,44097	11,7949	3,03305	-2,8935	0,00380972	0,0238561	yes	
AN7970	ChrII_A_nidulans_FGSC_A4:353207-354689	WT_5hasex	WT_veg	NOTEST	0,474053	0,853626	0,848556	-0,659191	0,509773	1	no	
AN7971	ChrII_A_nidulans_FGSC_A4:357624-359930	WT_5hasex	WT_veg	OK	16,0937	51,6935	1,68348	-3,26914	0,00107875	0,00836469	yes	
AN7972	ChrII_A_nidulans_FGSC_A4:360351-362004	WT_5hasex	WT_veg	OK	2,80276	1,50093	-0,900993	0,986873	0,323705	0,600112	no	
AN7973	ChrII_A_nidulans_FGSC_A4:366387-367498	WT_5hasex	WT_veg	NOTEST	0,763357	0	-1.79769e+308	-1.79769e+308	0,0511169	0	1	no
AN7974	ChrII_A_nidulans_FGSC_A4:367966-368486	WT_5hasex	WT_veg	OK	2,64611	0	-1.79769e+308	-1.79769e+308	0,0540986	0,187566	no	
AN7975	ChrII_A_nidulans_FGSC_A4:370793-372199	WT_5hasex	WT_veg	OK	11,6676	22,1415	0,924248	-1,55611	0,119682	0,327203	no	
AN7976	ChrII_A_nidulans_FGSC_A4:375040-375883	WT_5hasex	WT_veg	OK	7,7223	22,073	1,51518	-2,25309	0,0242537	0,102994	no	
AN7977	ChrII_A_nidulans_FGSC_A4:376117-377667	WT_5hasex	WT_veg	OK	1,08331	5,20878	2,2655	-2,45252	0,0141858	0,068513	no	
AN7979	ChrII_A_nidulans_FGSC_A4:383279-383657	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7980	ChrII_A_nidulans_FGSC_A4:386529-386756	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7981	ChrII_A_nidulans_FGSC_A4:389572-391983	WT_5hasex	WT_veg	NOTEST	0,335597	0	-1.79769e+308	-1.79769e+308	0,107729	0	1	no
AN7982	ChrII_A_nidulans_FGSC_A4:392906-393618	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7983	ChrII_A_nidulans_FGSC_A4:394178-395880	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7984	ChrII_A_nidulans_FGSC_A4:397431-399244	WT_5hasex	WT_veg	NOTEST	0,465707	0,121534	-1,93807	0,636958	0,524152	0	1	no
AN7985	ChrII_A_nidulans_FGSC_A4:399733-401419	WT_5hasex	WT_veg	NOTEST	0,917079	2,84007	1,63081	-1,6197	0,105297	1	no	
AN7986	ChrII_A_nidulans_FGSC_A4:401566-405557	WT_5hasex	WT_veg	NOTEST	0,751952	2,11247	1,49022	-1,9113	0,0559655	0	1	no
AN7987	ChrII_A_nidulans_FGSC_A4:408004-409325	WT_5hasex	WT_veg	OK	20,3049	18,0382	-0,170776	0,305005	0,760362	0,900889	no	
AN7988	ChrII_A_nidulans_FGSC_A4:420817-421564	WT_5hasex	WT_veg	NOTEST	1,46224	2,28249	0,64243	-0,53493	0,592698	1	no	
AN7989	ChrII_A_nidulans_FGSC_A4:421741-423187	WT_5hasex	WT_veg	OK	37,6574	244,897	2,70117	-5,5071	3,6479E-08	9,3521E-07	yes	
AN7990	ChrII_A_nidulans_FGSC_A4:423412-424040	WT_5hasex	WT_veg	OK	70,5654	106,248	0,590406	-1,08371	0,278493	0,551721	no	
AN7991	ChrII_A_nidulans_FGSC_A4:425588-426851	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no	
AN7992	ChrII_A_nidulans_FGSC_A4:427960-428615	WT_5hasex	WT_veg	OK	1336,67	6630,47	2,31047	-3,74241	0,00018226	0,00184168	yes	
AN7993	ChrII_A_nidulans_FGSC_A4:428686-431968	WT_5hasex	WT_veg	OK	22,7286	24,1831	0,089492	-0,181724	0,8558	0,943704	no	
AN7994	ChrII_A_nidulans_FGSC_A4:432458-434720	WT_5hasex	WT_veg	OK	13,2465	37,491	1,50093	-2,85262	0,00433598	0,0265237	yes	
AN7995	ChrII_A_nidulans_FGSC_A4:435286-436557	WT_5hasex	WT_veg	OK	13,227	21,8804	0,72615	-1,25435	0,209717	0,46772	no	
AN7996	ChrII_A_nidulans_FGSC_A4:438381-439448	WT_5hasex	WT_veg	OK	23,3915	58,8353	1,3307	-2,34661	0,0189449	0,0854017	no	
AN7997	ChrII_A_nidulans_FGSC_A4:439778-441748	WT_5hasex	WT_veg	OK	5,55089	12,9123	1,21795	-1,88782	0,0590502	0,199984	no	
AN7998	ChrII_A_nidulans_FGSC_A4:442841-445017	WT_5hasex	WT_veg	OK	19,4646	38,4639	0,982653	-1,89517	0,0580693	0,197389	no	
AN7999	ChrII_A_nidulans_FGSC_A4:445254-446238	WT_5hasex	WT_veg	OK	6,62028	9,41039	0,507363	-0,65028	0,515512	0,760032	no	
AN8000	ChrII_A_nidulans_FGSC_A4:453970-466058	WT_5hasex	WT_veg	OK	8,72299	21,0257	1,26926	-2,61779	0,00885004	0,0473321	yes	
AN8001	ChrII_A_nidulans_FGSC_A4:466111-467003	WT_5hasex	WT_veg	OK	46,1563	95,9465	1,0557	-2,11208	0,0346797	0,13579	no	
AN8002	ChrII_A_nidulans_FGSC_A4:467603-469926	WT_5hasex	WT_veg	OK	16,0591	23,3076	0,537407	-1,03862	0,29898	0,574329	no	
AN8003	ChrII_A_nidulans_FGSC_A4:470860-472315	WT_5hasex	WT_veg	OK	30,292	40,4523	0,417284	-0,826663	0,408428	0,678538	no	
AN8005	ChrII_A_nidulans_FGSC_A4:478018-478798	WT_5hasex	WT_veg	OK	7,3616	6,78306	-0,118085	0,158303	0,874218	0,951853	no	
AN8008	ChrII_A_nidulans_FGSC_A4:486390-487809	WT_5hasex	WT_veg	OK	9,57488	12,1196	0,340012	-0,517811	0,60459	0,816146	no	
AN8010	ChrII_A_nidulans_FGSC_A4:489880-492602	WT_5hasex	WT_veg	OK	202,082	704,35	1,80135	-3,16362	0,00155822	0,0113442	yes	
AN8011	ChrII_A_nidulans_FGSC_A4:496481-497086	WT_5hasex	WT_veg	OK	4,0268	11,7418	1,54394	-1,7509	0,0799628	0,247751	no	
AN8012	ChrII_A_nidulans_FGSC_A4:497507-498703	WT_5hasex	WT_veg	OK	154,936	98,0828	-0,659604	1,35038	0,176894	0,421766	no	
AN8013	ChrII_A_nidulans_FGSC_A4:499050-501222	WT_5hasex	WT_veg	OK	17,823	34,1428	0,937839	-1,80102	0,0717002	0,229337	no	
AN8014	ChrII_A_nidulans_FGSC_A4:501978-504802	WT_5hasex	WT_veg	OK	9,37061	24,2982	1,37464	-2,53047	0,0113909	0,0577392	no	
AN8015	ChrII_A_nidulans_FGSC_A4:505391-507012	WT_5hasex	WT_veg	OK	31,5343	71,7174	1,1854	-2,39657	0,0165492	0,0771404	no	

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AN8017	ChrII_A_nidulans_FGSC_A4:509700-512691	WT_5hasex	WT_veg	OK	28,5727	53,0509	0,892738	-1,82174	0,0684946	0,222094	no
AN8018	ChrII_A_nidulans_FGSC_A4:514411-515988	WT_5hasex	WT_veg	OK	48,0143	147,202	1,61627	-3,20616	0,00134517	0,0100385	yes
AN8019	ChrII_A_nidulans_FGSC_A4:516954-521283	WT_5hasex	WT_veg	OK	22,954	20,8485	-0,138798	0,28672	0,774327	0,907574	no
AN8020	ChrII_A_nidulans_FGSC_A4:521355-522879	WT_5hasex	WT_veg	OK	6,90631	8,5707	0,311499	-0,470983	0,637653	0,834647	no
AN8022	ChrII_A_nidulans_FGSC_A4:525756-526222	WT_5hasex	WT_veg	OK	112,179	254,627	1,18259	-2,32999	0,0198067	0,0884685	no
AN8024	ChrII_A_nidulans_FGSC_A4:530037-531140	WT_5hasex	WT_veg	OK	18,5133	33,0255	0,835022	-1,43447	0,151437	0,38136	no
AN8025	ChrII_A_nidulans_FGSC_A4:531343-532667	WT_5hasex	WT_veg	OK	6,96559	21,6156	1,63376	-2,53952	0,0111005	0,0565681	no
AN8026	ChrII_A_nidulans_FGSC_A4:533557-535352	WT_5hasex	WT_veg	OK	1,57415	4,06777	1,36967	-1,68053	0,0928536	0,274977	no
AN8027	ChrII_A_nidulans_FGSC_A4:536983-538823	WT_5hasex	WT_veg	NOTEST	0,0987505	0,460411	2,22106	-1,14626	0,251686	1	no
AN8028	ChrII_A_nidulans_FGSC_A4:539979-541213	WT_5hasex	WT_veg	OK	35,3528	73,825	1,06229	-2,02853	0,0425062	0,157693	no
AN8030	ChrII_A_nidulans_FGSC_A4:545562-546360	WT_5hasex	WT_veg	OK	15,9046	16,3275	0,037859	-0,0579965	0,953751	0,982764	no
AN8031	ChrII_A_nidulans_FGSC_A4:547886-550448	WT_5hasex	WT_veg	OK	20,9215	70,8587	1,75996	-3,61903	0,00029571	0,00278748	yes
AN8032	ChrII_A_nidulans_FGSC_A4:551775-552842	WT_5hasex	WT_veg	OK	227,526	718,61	1,65918	-3,37637	0,00073449	0,00603269	yes
AN8034	ChrII_A_nidulans_FGSC_A4:559069-561264	WT_5hasex	WT_veg	OK	32,7025	58,2782	0,833555	-1,73359	0,082991	0,254381	no
AN8036	ChrII_A_nidulans_FGSC_A4:565128-566111	WT_5hasex	WT_veg	OK	127,887	179,514	0,489231	-1,00496	0,314918	0,591091	no
AN8037	ChrII_A_nidulans_FGSC_A4:567037-568460	WT_5hasex	WT_veg	OK	41,9059	11,0049	-1,92901	3,03864	0,00237645	0,0161226	yes
AN8038	ChrII_A_nidulans_FGSC_A4:572419-574348	WT_5hasex	WT_veg	OK	49,2454	127,925	1,77724	-2,88209	0,00395042	0,0245447	yes
AN8040	ChrII_A_nidulans_FGSC_A4:577641-578528	WT_5hasex	WT_veg	OK	374,895	582,99	0,636984	-1,28673	0,19819	0,451998	no
AN8043	ChrII_A_nidulans_FGSC_A4:586495-587297	WT_5hasex	WT_veg	OK	47,7796	50,9193	0,0918187	-0,175917	0,860359	0,945942	no
AN8044	ChrII_A_nidulans_FGSC_A4:588448-591926	WT_5hasex	WT_veg	OK	79,6369	49,6464	-0,681747	1,37476	0,169206	0,409436	no
AN8045	ChrII_A_nidulans_FGSC_A4:592122-593318	WT_5hasex	WT_veg	OK	58,5303	97,1044	0,730352	-1,47192	0,141042	0,364245	no
AN8046	ChrII_A_nidulans_FGSC_A4:595244-596285	WT_5hasex	WT_veg	OK	46,0473	45,0661	-0,0310721	0,049942	0,960169	0,985291	no
AN8048	ChrII_A_nidulans_FGSC_A4:600606-601325	WT_5hasex	WT_veg	OK	9,54143	26,6925	1,48416	-2,16189	0,0306265	0,12325	no
AN8049	ChrII_A_nidulans_FGSC_A4:601556-602499	WT_5hasex	WT_veg	OK	152,756	297,653	0,962402	-2,00069	0,0454259	0,165709	no
AN8050	ChrII_A_nidulans_FGSC_A4:602648-603277	WT_5hasex	WT_veg	OK	193,784	834,24	2,10601	-4,36928	1,2466E-05	0,00017466	yes
AN8051	ChrII_A_nidulans_FGSC_A4:605271-606972	WT_5hasex	WT_veg	OK	19,6299	29,4642	0,585914	-1,06272	0,287908	0,562337	no
AN8052	ChrII_A_nidulans_FGSC_A4:607205-608227	WT_5hasex	WT_veg	NOTEST	0,487953	1,2556	1,36356	-0,860713	0,389396	1	no
AN8053	ChrII_A_nidulans_FGSC_A4:608533-612504	WT_5hasex	WT_veg	OK	22,669	31,5492	0,476883	-0,993665	0,320386	0,59664	no
AN8054	ChrII_A_nidulans_FGSC_A4:614119-615315	WT_5hasex	WT_veg	OK	244,386	224,663	-0,121402	0,245093	0,806385	0,922289	no
AN8055	ChrII_A_nidulans_FGSC_A4:616471-618816	WT_5hasex	WT_veg	OK	68,4661	116,905	0,771877	-1,60345	0,108835	0,307267	no
AN8056	ChrII_A_nidulans_FGSC_A4:620002-623558	WT_5hasex	WT_veg	OK	27,6883	48,1801	0,799161	-1,65652	0,0976168	0,284453	no
AN8058	ChrII_A_nidulans_FGSC_A4:625152-626499	WT_5hasex	WT_veg	OK	9,21662	60,9372	2,72501	-4,45851	8,2533E-06	0,00012132	yes
AN8059	ChrII_A_nidulans_FGSC_A4:627027-627868	WT_5hasex	WT_veg	OK	38,6609	99,8327	1,36864	-2,45176	0,0142161	0,0686404	no
AN8060	ChrII_A_nidulans_FGSC_A4:628576-629651	WT_5hasex	WT_veg	OK	26,1148	8,28031	-1,65711	2,76559	0,00568196	0,0330168	yes
AN8062	ChrII_A_nidulans_FGSC_A4:634160-635329	WT_5hasex	WT_veg	OK	10,0101	94,6123	3,24057	-5,28636	1,2478E-07	2,8317E-06	yes
AN8063	ChrII_A_nidulans_FGSC_A4:635382-636804	WT_5hasex	WT_veg	OK	58,4958	55,1624	-0,0846475	0,147596	0,882661	0,955538	no
AN8064	ChrII_A_nidulans_FGSC_A4:637581-639035	WT_5hasex	WT_veg	OK	25,1028	40,0354	0,673427	-1,25925	0,207939	0,465298	no
AN8065	ChrII_A_nidulans_FGSC_A4:639303-640434	WT_5hasex	WT_veg	OK	124,573	190,275	0,611096	-1,24174	0,214333	0,473899	no
AN8066	ChrII_A_nidulans_FGSC_A4:640466-642564	WT_5hasex	WT_veg	OK	9,83837	39,8727	2,01891	-3,40179	0,00066947	0,0055752	yes
AN8067	ChrII_A_nidulans_FGSC_A4:642976-645790	WT_5hasex	WT_veg	OK	29,8104	108,084	1,85826	-3,76328	0,0001677	0,00171304	yes
AN8068	ChrII_A_nidulans_FGSC_A4:646561-648587	WT_5hasex	WT_veg	OK	91,532	34,7298	-1,3981	2,7071	0,00678743	0,0382199	yes
AN8069	ChrII_A_nidulans_FGSC_A4:648933-651813	WT_5hasex	WT_veg	OK	15,1644	18,7328	0,30488	-0,566729	0,570899	0,795614	no
AN8072	ChrII_A_nidulans_FGSC_A4:661071-661887	WT_5hasex	WT_veg	OK	70,3351	113,323	0,688121	-1,37758	0,168334	0,408267	no
AN8073	ChrII_A_nidulans_FGSC_A4:662220-664686	WT_5hasex	WT_veg	OK	22,7793	127,253	2,48191	-4,95539	7,2187E-07	1,3741E-05	yes
AN8074	ChrII_A_nidulans_FGSC_A4:665179-669233	WT_5hasex	WT_veg	OK	21,6179	52,7279	1,28634	-2,55996	0,0104683	0,0540029	no
AN8075	ChrII_A_nidulans_FGSC_A4:669864-671759	WT_5hasex	WT_veg	OK	15,1657	54,2434	1,83864	-3,34864	0,00081211	0,00657946	yes
AN8076	ChrII_A_nidulans_FGSC_A4:673148-679312	WT_5hasex	WT_veg	OK	10,5003	16,1479	0,620916	-1,2721	0,203339	0,459262	no
AN8077	ChrII_A_nidulans_FGSC_A4:680623-682388	WT_5hasex	WT_veg	OK	11,988	22,9671	0,937977	-1,65493	0,0979392	0,285046	no
AN8079	ChrII_A_nidulans_FGSC_A4:685089-687295	WT_5hasex	WT_veg	OK	5,28583	5,16508	-0,0333406	0,050215	0,959951	0,985184	no
AN8080	ChrII_A_nidulans_FGSC_A4:688873-689901	WT_5hasex	WT_veg	OK	191,709	446,398	1,21942	-2,39097	0,0168038	0,0780892	no
AN8081	ChrII_A_nidulans_FGSC_A4:690214-690993	WT_5hasex	WT_veg	NOTEST	1,38505	2,33754	0,755055	-0,562097	0,57405	1	no
AN8083	ChrII_A_nidulans_FGSC_A4:698879-700813	WT_5hasex	WT_veg	OK	6,27136	2,5691	-1,28752	1,73299	0,0830972	0,254572	no
AN8084	ChrII_A_nidulans_FGSC_A4:700891-702966	WT_5hasex	WT_veg	NOTEST	1,63842	1,40968	-0,216938	0,206165	0,836662	1	no

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AN8085	ChrII_A_nidulans_FGSC_A4:704470-708170	WT_5hasex	WT_veg	OK	1,90717	3,90807	1,03502	-1,45342	0,146108	0,372809	no
AN8086	ChrII_A_nidulans_FGSC_A4:709622-710355	WT_5hasex	WT_veg	OK	14,523	3,23901	-2,16471	2,28598	0,0222554	0,0965258	no
AN8088	ChrII_A_nidulans_FGSC_A4:712180-714290	WT_5hasex	WT_veg	OK	2,61866	5,88696	1,1687	-1,60554	0,108374	0,306361	no
AN8089	ChrII_A_nidulans_FGSC_A4:714794-716562	WT_5hasex	WT_veg	OK	7,10763	10,2689	0,530837	-0,841937	0,399823	0,67212	no
AN8090	ChrII_A_nidulans_FGSC_A4:717252-718374	WT_5hasex	WT_veg	NOTEST	0,813765	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8091	ChrII_A_nidulans_FGSC_A4:719539-720718	WT_5hasex	WT_veg	NOTEST	1,61577	1,01253	-0,674256	0,565158	0,571966	1	no
AN8092	ChrII_A_nidulans_FGSC_A4:723901-727205	WT_5hasex	WT_veg	OK	2,13623	5,75658	1,43015	-1,76408	0,0777179	0,242936	no
AN8093	ChrII_A_nidulans_FGSC_A4:728810-730361	WT_5hasex	WT_veg	OK	7,73229	27,6919	1,8405	-2,48332	0,0130165	0,0641245	no
AN8094	ChrII_A_nidulans_FGSC_A4:730957-731455	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8095	ChrII_A_nidulans_FGSC_A4:733216-735110	WT_5hasex	WT_veg	OK	11,5669	85,5225	2,8863	-4,95233	7,3329E-07	1,3933E-05	yes
AN8098	ChrII_A_nidulans_FGSC_A4:748579-749523	WT_5hasex	WT_veg	OK	17,0197	108,203	2,66846	-4,30482	1,6712E-05	0,00022853	yes
AN8099	ChrII_A_nidulans_FGSC_A4:752073-753835	WT_5hasex	WT_veg	OK	41,8618	6,03208	-2,7949	4,30127	1,6982E-05	0,00023162	yes
AN8100	ChrII_A_nidulans_FGSC_A4:754495-756289	WT_5hasex	WT_veg	OK	4,13236	10,8621	1,39427	-2,08141	0,0373962	0,143523	no
AN8101	ChrII_A_nidulans_FGSC_A4:756694-757602	WT_5hasex	WT_veg	NOTEST	0,217794	0,437267	1,00555	-0,483945	0,628425	1	no
AN8102	ChrII_A_nidulans_FGSC_A4:760631-762135	WT_5hasex	WT_veg	OK	99,3713	416,523	2,0675	-3,94346	8,0313E-05	0,00090488	yes
AN8103	ChrII_A_nidulans_FGSC_A4:762921-763588	WT_5hasex	WT_veg	NOTEST	1,1061	1,74015	0,653732	-0,461531	0,644418	1	no
AN8104	ChrII_A_nidulans_FGSC_A4:764387-765299	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8105	ChrII_A_nidulans_FGSC_A4:766659-769893	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8106	ChrII_A_nidulans_FGSC_A4:771859-772905	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8108	ChrII_A_nidulans_FGSC_A4:777935-779374	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8110	ChrII_A_nidulans_FGSC_A4:782560-783621	WT_5hasex	WT_veg	NOTEST	0	2,12255	1.79769e+308	1.79769e+308	0,036343	1	no
AN8111	ChrII_A_nidulans_FGSC_A4:783737-786158	WT_5hasex	WT_veg	NOTEST	0,824238	1,40383	0,768232	-0,838094	0,401978	1	no
AN8112	ChrII_A_nidulans_FGSC_A4:786614-788423	WT_5hasex	WT_veg	NOTEST	1,34524	1,31149	-0,0366616	0,0340743	0,972818	1	no
AN8113	ChrII_A_nidulans_FGSC_A4:789317-790185	WT_5hasex	WT_veg	NOTEST	0,304557	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8114	ChrII_A_nidulans_FGSC_A4:791241-792187	WT_5hasex	WT_veg	NOTEST	0,202673	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN8115	ChrII_A_nidulans_FGSC_A4:794109-795369	WT_5hasex	WT_veg	NOTEST	0,934179	0,650288	-0,52262	0,352204	0,724685	1	no
AN8116	ChrII_A_nidulans_FGSC_A4:800352-801879	WT_5hasex	WT_veg	OK	5,65016	0,81829	-2,78761	2,36001	0,0182746	0,0830838	no
AN8117	ChrII_A_nidulans_FGSC_A4:805621-807249	WT_5hasex	WT_veg	OK	70,4708	219,967	1,64219	-3,43484	0,0005929	0,00503635	yes
AN8118	ChrII_A_nidulans_FGSC_A4:808472-809563	WT_5hasex	WT_veg	OK	831,201	997,422	0,263007	-0,482839	0,62921	0,82993	no
AN8119	ChrII_A_nidulans_FGSC_A4:809593-811291	WT_5hasex	WT_veg	OK	68,5998	128,299	0,903233	-1,87222	0,0611764	0,204946	no
AN8121	ChrII_A_nidulans_FGSC_A4:814719-818802	WT_5hasex	WT_veg	OK	19,0904	40,2619	1,07657	-2,22092	0,0263566	0,109852	no
AN8122	ChrII_A_nidulans_FGSC_A4:820216-821961	WT_5hasex	WT_veg	OK	107,526	749,618	2,80147	-4,79258	1,6465E-06	2,8846E-05	yes
AN8124	ChrII_A_nidulans_FGSC_A4:824404-826249	WT_5hasex	WT_veg	OK	72,9303	1332,9	4,1919	-6,73584	1,6298E-11	7,505E-10	yes
AN8125	ChrII_A_nidulans_FGSC_A4:826842-829475	WT_5hasex	WT_veg	OK	26,0061	51,8467	0,995401	-1,98863	0,046742	0,16939	no
AN8127	ChrII_A_nidulans_FGSC_A4:833977-835484	WT_5hasex	WT_veg	OK	4,30182	6,99267	0,700897	-0,823545	0,410198	0,680206	no
AN8128	ChrII_A_nidulans_FGSC_A4:836287-837992	WT_5hasex	WT_veg	OK	6,16677	14,2819	1,2116	-1,93141	0,0534327	0,185946	no
AN8130	ChrII_A_nidulans_FGSC_A4:850339-850832	WT_5hasex	WT_veg	OK	33,641	88,1857	1,39033	-2,3034	0,0212564	0,0934147	no
AN8131	ChrII_A_nidulans_FGSC_A4:851884-853621	WT_5hasex	WT_veg	NOTEST	0,810418	0,161802	-2,32444	0,769176	0,441789	1	no
AN8132	ChrII_A_nidulans_FGSC_A4:855053-855908	WT_5hasex	WT_veg	OK	7,1634	0,747497	-3,26051	2,2595	0,0238525	0,101744	no
AN8133	ChrII_A_nidulans_FGSC_A4:856327-857470	WT_5hasex	WT_veg	OK	6,33325	1,13821	-2,47618	2,10866	0,034974	0,136464	no
AN8134	ChrII_A_nidulans_FGSC_A4:859352-861035	WT_5hasex	WT_veg	OK	4,88932	11,4637	1,22937	-1,87205	0,0612002	0,204986	no
AN8135	ChrII_A_nidulans_FGSC_A4:861860-863627	WT_5hasex	WT_veg	OK	13,7261	34,8583	1,34458	-2,42346	0,0153734	0,0728585	no
AN8136	ChrII_A_nidulans_FGSC_A4:864371-866043	WT_5hasex	WT_veg	OK	4,43367	6,24253	0,493632	-0,722039	0,470271	0,728228	no
AN8137	ChrII_A_nidulans_FGSC_A4:866456-868074	WT_5hasex	WT_veg	OK	10,6241	14,3894	0,437662	-0,728964	0,466024	0,72477	no
AN8140	ChrII_A_nidulans_FGSC_A4:885132-886757	WT_5hasex	WT_veg	NOTEST	0,830781	0,592209	-0,488364	0,329118	0,742066	1	no
AN8142	ChrII_A_nidulans_FGSC_A4:889426-890518	WT_5hasex	WT_veg	OK	1,52572	11,6615	2,93419	-3,48039	0,00050069	0,00435829	yes
AN8143	ChrII_A_nidulans_FGSC_A4:891399-892642	WT_5hasex	WT_veg	NOTEST	0,202799	0,163624	-0,309661	0,0891265	0,928981	1	no
AN8144	ChrII_A_nidulans_FGSC_A4:893163-893977	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8145	ChrII_A_nidulans_FGSC_A4:895666-896542	WT_5hasex	WT_veg	OK	608,422	1583,88	1,38032	-2,11993	0,0340119	0,133776	no
AN8146	ChrII_A_nidulans_FGSC_A4:897124-898321	WT_5hasex	WT_veg	OK	62,7405	157,261	1,32569	-2,21682	0,0266353	0,110685	no
AN8147	ChrII_A_nidulans_FGSC_A4:899827-901880	WT_5hasex	WT_veg	OK	3,37952	7,21106	1,09339	-1,59094	0,111624	0,312144	no
AN8148	ChrII_A_nidulans_FGSC_A4:903351-904600	WT_5hasex	WT_veg	OK	5,23281	24,9944	2,25595	-2,91413	0,00356677	0,0225923	yes
AN8150	ChrII_A_nidulans_FGSC_A4:909758-917049	WT_5hasex	WT_veg	OK	5,71762	23,663	2,04914	-3,47239	0,00051584	0,00446941	yes

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AN8151	ChrII_A_nidulans_FGSC_A4:925293-926743	WT_5hasex	WT_veg	NOTEST	1,23157	1,39976	0,184678	-0,17617	0,860161	1	no
AN8152	ChrII_A_nidulans_FGSC_A4:927166-929136	WT_5hasex	WT_veg	NOTEST	0,0970231	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN8153	ChrII_A_nidulans_FGSC_A4:931389-933319	WT_5hasex	WT_veg	NOTEST	0,632804	0,327333	-0,951	0,611227	0,541049	1	no
AN8154	ChrII_A_nidulans_FGSC_A4:935755-936766	WT_5hasex	WT_veg	OK	19,1458	16,5664	-0,208768	0,346781	0,728756	0,885141	no
AN8155	ChrII_A_nidulans_FGSC_A4:937766-938854	WT_5hasex	WT_veg	OK	11,4572	42,2154	1,88152	-2,76569	0,0056802	0,0330103	yes
AN8157	ChrII_A_nidulans_FGSC_A4:948782-949991	WT_5hasex	WT_veg	NOTEST	0,187167	0,679329	1,85978	-0,818087	0,413308	1	no
AN8158	ChrII_A_nidulans_FGSC_A4:951190-953522	WT_5hasex	WT_veg	NOTEST	0,388139	1,08503	1,48308	-1,20307	0,228948	1	no
AN8159	ChrII_A_nidulans_FGSC_A4:963205-963962	WT_5hasex	WT_veg	OK	0,321225	10,4837	5,02842	-3,27181	0,00106862	0,00829103	yes
AN8160	ChrII_A_nidulans_FGSC_A4:964820-967960	WT_5hasex	WT_veg	NOTEST	0,400712	1,76297	2,13737	-1,00039	0,317123	1	no
AN8161	ChrII_A_nidulans_FGSC_A4:970631-972789	WT_5hasex	WT_veg	OK	23,3793	21,2862	-0,135317	0,271962	0,785651	0,912449	no
AN8162	ChrII_A_nidulans_FGSC_A4:973208-974630	WT_5hasex	WT_veg	OK	3,68319	6,11201	0,73069	-1,00856	0,313185	0,589238	no
AN8163	ChrII_A_nidulans_FGSC_A4:975507-979040	WT_5hasex	WT_veg	OK	4,10226	16,3669	1,99629	-2,69927	0,00694922	0,0388928	yes
AN8164	ChrII_A_nidulans_FGSC_A4:975507-979040	WT_5hasex	WT_veg	OK	2,10407	7,7278	1,87687	-2,62663	0,00862357	0,0463384	yes
AN8165	ChrII_A_nidulans_FGSC_A4:979843-981751	WT_5hasex	WT_veg	OK	7,05817	15,0695	1,09427	-1,79496	0,0726602	0,231447	no
AN8166	ChrII_A_nidulans_FGSC_A4:982776-984225	WT_5hasex	WT_veg	OK	24,6516	17,8357	-0,466909	0,795881	0,426101	0,693387	no
AN8167	ChrII_A_nidulans_FGSC_A4:985566-987278	WT_5hasex	WT_veg	OK	31,531	48,0208	0,60689	-1,23023	0,21861	0,479314	no
AN8169	ChrII_A_nidulans_FGSC_A4:996556-998638	WT_5hasex	WT_veg	OK	80,5861	328,273	2,02629	-3,7908	0,00015016	0,00155604	yes
AN8172	ChrII_A_nidulans_FGSC_A4:1005511-1007389	WT_5hasex	WT_veg	OK	61,3904	174,292	1,50542	-2,94671	0,00321179	0,0206914	yes
AN8173	ChrII_A_nidulans_FGSC_A4:1007837-1008863	WT_5hasex	WT_veg	OK	9,7835	18,9209	0,951561	-1,51441	0,129923	0,345174	no
AN8174	ChrII_A_nidulans_FGSC_A4:1009949-1012416	WT_5hasex	WT_veg	OK	8,25257	17,8765	1,11515	-1,76735	0,0771697	0,241611	no
AN8175	ChrII_A_nidulans_FGSC_A4:1014676-1016416	WT_5hasex	WT_veg	OK	27,2096	76,9702	1,50019	-3,01373	0,00258061	0,0172597	yes
AN8176	ChrII_A_nidulans_FGSC_A4:1019915-1021367	WT_5hasex	WT_veg	OK	510,928	837,181	0,712419	-1,30335	0,192455	0,443922	no
AN8177	ChrII_A_nidulans_FGSC_A4:1028424-1031481	WT_5hasex	WT_veg	NOTEST	1,18493	3,65102	1,6235	-2,19484	0,028175	1	no
AN8178	ChrII_A_nidulans_FGSC_A4:1032352-1033007	WT_5hasex	WT_veg	OK	3,79678	2,40184	-0,660637	0,450175	0,652585	0,843156	no
AN8179	ChrII_A_nidulans_FGSC_A4:1033788-1036532	WT_5hasex	WT_veg	OK	18,6669	40,3453	1,11192	-2,22436	0,0261245	0,109177	no
AN8180	ChrII_A_nidulans_FGSC_A4:1036785-1038668	WT_5hasex	WT_veg	OK	31,7095	98,4837	1,63497	-3,34998	0,00080817	0,00654963	yes
AN8181	ChrII_A_nidulans_FGSC_A4:1041671-1043654	WT_5hasex	WT_veg	OK	46,7714	54,0368	0,208314	-0,366969	0,713642	0,876921	no
AN8183	ChrII_A_nidulans_FGSC_A4:1048882-1051839	WT_5hasex	WT_veg	OK	10,6666	54,6125	2,35613	-4,38604	1,1543E-05	0,00016305	yes
AN8186	ChrII_A_nidulans_FGSC_A4:1061095-1062531	WT_5hasex	WT_veg	OK	11,0669	25,6345	1,21183	-1,9785	0,0478719	0,172399	no
AN8187	ChrII_A_nidulans_FGSC_A4:1062803-1064491	WT_5hasex	WT_veg	OK	62,4119	113,214	0,859156	-1,77028	0,0766798	0,24058	no
AN8188	ChrII_A_nidulans_FGSC_A4:1064985-1066257	WT_5hasex	WT_veg	OK	83,8268	246,963	1,55881	-3,1237	0,00178595	0,0127088	yes
AN8189	ChrII_A_nidulans_FGSC_A4:1067233-1069489	WT_5hasex	WT_veg	NOTEST	0,407103	1,06322	1,38497	-1,27753	0,201414	1	no
AN8190	ChrII_A_nidulans_FGSC_A4:1071558-1075046	WT_5hasex	WT_veg	OK	39,5469	49,9801	0,33779	-0,685972	0,492731	0,744514	no
AN8191	ChrII_A_nidulans_FGSC_A4:1076553-1077602	WT_5hasex	WT_veg	OK	41,4057	111,874	1,43397	-2,85144	0,00435219	0,0266088	yes
AN8192	ChrII_A_nidulans_FGSC_A4:1078560-1082312	WT_5hasex	WT_veg	OK	11,6677	18,7324	0,683019	-1,34171	0,17969	0,425723	no
AN8193	ChrII_A_nidulans_FGSC_A4:1082333-1083268	WT_5hasex	WT_veg	OK	12,4116	38,2004	1,6219	-2,55054	0,0107556	0,0551751	no
AN8194	ChrII_A_nidulans_FGSC_A4:1092661-1093515	WT_5hasex	WT_veg	OK	81,9671	135,111	0,721032	-1,44537	0,148355	0,376177	no
AN8195	ChrII_A_nidulans_FGSC_A4:1098265-1098715	WT_5hasex	WT_veg	OK	4,6843	71,9667	3,94142	-4,68641	2,7804E-06	4,5918E-05	yes
AN8196	ChrII_A_nidulans_FGSC_A4:1100287-1101136	WT_5hasex	WT_veg	OK	6,00056	5,23301	-0,197458	0,232289	0,816313	0,926473	no
AN8197	ChrII_A_nidulans_FGSC_A4:1101408-1103071	WT_5hasex	WT_veg	OK	18,9047	36,3364	0,942673	-1,79102	0,0732893	0,23289	no
AN8198	ChrII_A_nidulans_FGSC_A4:1105095-1107526	WT_5hasex	WT_veg	NOTEST	1,19092	2,1211	0,832738	-0,876933	0,380523	1	no
AN8199	ChrII_A_nidulans_FGSC_A4:1109267-1110823	WT_5hasex	WT_veg	OK	6,1568	3,89856	-0,659239	0,933716	0,35045	0,626041	no
AN8200	ChrII_A_nidulans_FGSC_A4:1114497-1115325	WT_5hasex	WT_veg	OK	132,358	583,504	2,1403	-4,41427	1,0135E-05	0,00014579	yes
AN8201	ChrII_A_nidulans_FGSC_A4:1115537-1118303	WT_5hasex	WT_veg	OK	37,2497	63,0319	0,758851	-1,58501	0,112963	0,314582	no
AN8202	ChrII_A_nidulans_FGSC_A4:1118593-1120496	WT_5hasex	WT_veg	OK	164,262	447,564	1,44609	-2,84022	0,0045082	0,0273868	yes
AN8203	ChrII_A_nidulans_FGSC_A4:1120636-1123564	WT_5hasex	WT_veg	OK	42,4322	45,6023	0,103947	-0,213255	0,831128	0,932807	no
AN8204	ChrII_A_nidulans_FGSC_A4:1123891-1125270	WT_5hasex	WT_veg	OK	33,8469	41,7813	0,303834	-0,597827	0,549955	0,782135	no
AN8205	ChrII_A_nidulans_FGSC_A4:1125457-1129634	WT_5hasex	WT_veg	OK	11,5348	9,69736	-0,250323	0,503358	0,614712	0,821657	no
AN8206	ChrII_A_nidulans_FGSC_A4:1130163-1131682	WT_5hasex	WT_veg	OK	27,5944	18,7419	-0,55811	1,07513	0,282318	0,556104	no
AN8207	ChrII_A_nidulans_FGSC_A4:1133990-1134726	WT_5hasex	WT_veg	OK	10,5598	59,5577	2,4957	-3,81194	0,00013788	0,00144878	yes
AN8208	ChrII_A_nidulans_FGSC_A4:1135348-1139121	WT_5hasex	WT_veg	OK	12,9567	15,3696	0,246376	-0,485138	0,627579	0,828706	no
AN8211	ChrII_A_nidulans_FGSC_A4:1155916-1161338	WT_5hasex	WT_veg	OK	22,0869	34,4765	0,624245	-1,34338	0,179149	0,424862	no
AN8212	ChrII_A_nidulans_FGSC_A4:1162843-1164124	WT_5hasex	WT_veg	OK	8,81162	16,8753	0,937438	-1,50946	0,131181	0,347199	no

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AN8213	ChrII_A_nidulans_FGSC_A4:1164449-1165626	WT_5hasex	WT_veg	OK	33,2803	23,9022	-0,477521	0,920215	0,35746	0,632676	no
AN8214	ChrII_A_nidulans_FGSC_A4:1165867-1167434	WT_5hasex	WT_veg	OK	12,6995	35,2374	1,47234	-2,54542	0,0109147	0,0557918	no
AN8219	ChrII_A_nidulans_FGSC_A4:1181567-1186594	WT_5hasex	WT_veg	OK	3,16095	6,45003	1,02895	-1,63932	0,101146	0,291831	no
AN8220	ChrII_A_nidulans_FGSC_A4:1188991-1189879	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8221	ChrII_A_nidulans_FGSC_A4:1190802-1192501	WT_5hasex	WT_veg	NOTEST	0,644727	0,436515	-0,562658	0,364359	0,71559	1	no
AN8222	ChrII_A_nidulans_FGSC_A4:1193299-1194629	WT_5hasex	WT_veg	OK	5,7824	8,23105	0,509409	-0,687048	0,492053	0,744035	no
AN8223	ChrII_A_nidulans_FGSC_A4:1195480-1196159	WT_5hasex	WT_veg	OK	39,7125	66,2352	0,738004	-1,29206	0,196336	0,449256	no
AN8224	ChrII_A_nidulans_FGSC_A4:1196220-1198507	WT_5hasex	WT_veg	OK	77,3139	194,08	1,32785	-2,72633	0,00640423	0,0364579	yes
AN8225	ChrII_A_nidulans_FGSC_A4:1198676-1199717	WT_5hasex	WT_veg	OK	88,3805	156,945	0,828455	-1,66103	0,0967072	0,282541	no
AN8226	ChrII_A_nidulans_FGSC_A4:1199852-1200862	WT_5hasex	WT_veg	OK	37,648	57,4634	0,610072	-1,16498	0,244028	0,51144	no
AN8227	ChrII_A_nidulans_FGSC_A4:1201388-1202591	WT_5hasex	WT_veg	OK	29,8507	22,6501	-0,398248	0,713584	0,475485	0,731906	no
AN8229	ChrII_A_nidulans_FGSC_A4:1206875-1208458	WT_5hasex	WT_veg	OK	117,823	333,855	1,50259	-2,9755	0,00292511	0,019141	yes
AN8231	ChrII_A_nidulans_FGSC_A4:1215638-1218013	WT_5hasex	WT_veg	OK	117,23	288,765	1,30055	-2,5978	0,0093824	0,0495322	yes
AN8232	ChrII_A_nidulans_FGSC_A4:1219719-1221184	WT_5hasex	WT_veg	OK	54,0002	68,7431	0,348251	-0,712121	0,476329	0,732476	no
AN8233	ChrII_A_nidulans_FGSC_A4:1221629-1223157	WT_5hasex	WT_veg	OK	152,779	231,278	0,598181	-1,17054	0,241785	0,508183	no
AN8234	ChrII_A_nidulans_FGSC_A4:1223280-1224993	WT_5hasex	WT_veg	OK	185,904	353,292	0,926303	-1,83688	0,0662273	0,216794	no
AN8235	ChrII_A_nidulans_FGSC_A4:1225488-1230402	WT_5hasex	WT_veg	OK	28,4809	55,4154	0,960296	-1,69877	0,0893632	0,26788	no
AN8236	ChrII_A_nidulans_FGSC_A4:1231841-1234240	WT_5hasex	WT_veg	OK	26,3584	41,6648	0,660567	-1,35517	0,175365	0,419687	no
AN8237	ChrII_A_nidulans_FGSC_A4:1234994-1236074	WT_5hasex	WT_veg	OK	44,5194	108,059	1,27931	-2,58512	0,00973444	0,0509747	no
AN8238	ChrII_A_nidulans_FGSC_A4:1242733-1243385	WT_5hasex	WT_veg	OK	6,05236	7,08021	0,226294	-0,269677	0,787409	0,913266	no
AN8239	ChrII_A_nidulans_FGSC_A4:1243683-1244686	WT_5hasex	WT_veg	OK	34,3354	142,806	2,05628	-3,97654	6,9924E-05	0,00080301	yes
AN8240	ChrII_A_nidulans_FGSC_A4:1244686-1246184	WT_5hasex	WT_veg	OK	12,2302	24,397	0,99625	-1,72364	0,0847722	0,258253	no
AN8242	ChrII_A_nidulans_FGSC_A4:1252351-1253427	WT_5hasex	WT_veg	OK	43,0524	63,8505	0,568604	-0,981537	0,326328	0,602663	no
AN8247	ChrII_A_nidulans_FGSC_A4:1265878-1266730	WT_5hasex	WT_veg	OK	17,2955	128,528	2,89361	-4,71892	2,371E-06	3,9873E-05	yes
AN8248	ChrII_A_nidulans_FGSC_A4:1267861-1269483	WT_5hasex	WT_veg	OK	12,958	37,2058	1,52168	-2,6988	0,00695895	0,0389347	yes
AN8249	ChrII_A_nidulans_FGSC_A4:1270669-1273062	WT_5hasex	WT_veg	NOTEST	0,0892732	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN8253	ChrII_A_nidulans_FGSC_A4:1288680-1290262	WT_5hasex	WT_veg	OK	18,7106	117,662	2,65272	-4,89833	9,6653E-07	1,7765E-05	yes
AN8256	ChrII_A_nidulans_FGSC_A4:1297989-1298820	WT_5hasex	WT_veg	OK	84,62	191,492	1,17821	-2,35181	0,0186823	0,0844758	no
AN8257	ChrII_A_nidulans_FGSC_A4:1299906-1301666	WT_5hasex	WT_veg	OK	19,1087	33,2669	0,799861	-1,52391	0,127531	0,340859	no
AN8258	ChrII_A_nidulans_FGSC_A4:1302105-1302680	WT_5hasex	WT_veg	OK	99,791	166,323	0,737008	-1,45908	0,144542	0,370214	no
AN8259	ChrII_A_nidulans_FGSC_A4:1302817-1304645	WT_5hasex	WT_veg	OK	7,20031	7,72178	0,100873	-0,158453	0,8741	0,951793	no
AN8263	ChrII_A_nidulans_FGSC_A4:1318051-1318820	WT_5hasex	WT_veg	OK	6,91167	23,783	1,78282	-2,54275	0,0109983	0,0561452	no
AN8264	ChrII_A_nidulans_FGSC_A4:1318874-1320468	WT_5hasex	WT_veg	OK	20,5812	95,2041	2,2097	-4,23843	2,2509E-05	0,00029614	yes
AN8265	ChrII_A_nidulans_FGSC_A4:1323297-1324462	WT_5hasex	WT_veg	OK	24,8073	36,9556	0,575026	-0,955439	0,339356	0,615283	no
AN8266	ChrII_A_nidulans_FGSC_A4:1326823-1328020	WT_5hasex	WT_veg	OK	3,41268	8,37271	1,29479	-1,78271	0,074633	0,235715	no
AN8267	ChrII_A_nidulans_FGSC_A4:1329523-1330594	WT_5hasex	WT_veg	OK	272,116	431,207	0,664157	-1,32765	0,184295	0,432584	no
AN8268	ChrII_A_nidulans_FGSC_A4:1331426-1333127	WT_5hasex	WT_veg	OK	8,73158	31,9793	1,87282	-3,16521	0,00154973	0,0112932	yes
AN8270	ChrII_A_nidulans_FGSC_A4:1337908-1340420	WT_5hasex	WT_veg	OK	62,297	52,4966	-0,246937	0,508467	0,611126	0,819558	no
AN8272	ChrII_A_nidulans_FGSC_A4:1345230-1347449	WT_5hasex	WT_veg	OK	24,9011	102,361	2,03939	-4,0948	4,2253E-05	0,0005178	yes
AN8273	ChrII_A_nidulans_FGSC_A4:1347625-1349848	WT_5hasex	WT_veg	OK	249,022	443,971	0,834193	-1,57921	0,114289	0,317161	no
AN8274	ChrII_A_nidulans_FGSC_A4:1350374-1352055	WT_5hasex	WT_veg	OK	564,186	2245,68	1,99291	-3,54671	0,00039008	0,00351639	yes
AN8276	ChrII_A_nidulans_FGSC_A4:1356127-1358728	WT_5hasex	WT_veg	OK	34,0648	63,5815	0,900326	-1,84415	0,0651617	0,214229	no
AN8278	ChrII_A_nidulans_FGSC_A4:1362286-1363338	WT_5hasex	WT_veg	OK	270,877	1328,54	2,29414	-4,52628	6,0032E-06	9,1183E-05	yes
AN8279	ChrII_A_nidulans_FGSC_A4:1364312-1366442	WT_5hasex	WT_veg	OK	53,3907	337,943	2,66212	-5,28945	1,2269E-07	2,794E-06	yes
AN8281	ChrII_A_nidulans_FGSC_A4:1371142-1372726	WT_5hasex	WT_veg	OK	86,5485	183,011	1,08035	-2,1534	0,0312874	0,125403	no
AN8282	ChrII_A_nidulans_FGSC_A4:1372810-1375390	WT_5hasex	WT_veg	OK	10,8404	14,8109	0,450243	-0,853949	0,393133	0,666312	no
AN8284	ChrII_A_nidulans_FGSC_A4:1381987-1382935	WT_5hasex	WT_veg	OK	85,0849	267,515	1,65264	-3,39383	0,00068922	0,00571914	yes
AN8285	ChrII_A_nidulans_FGSC_A4:1383521-1384412	WT_5hasex	WT_veg	OK	42,7194	81,8586	0,938243	-1,82386	0,0681729	0,221311	no
AN8288	ChrII_A_nidulans_FGSC_A4:1392631-1399168	WT_5hasex	WT_veg	OK	17,713	28,2085	0,671323	-1,31493	0,188535	0,438539	no
AN8289	ChrII_A_nidulans_FGSC_A4:1392631-1399168	WT_5hasex	WT_veg	OK	72,765	143,638	0,981125	-1,928	0,053855	0,187013	no
AN8290	ChrII_A_nidulans_FGSC_A4:1400856-1404602	WT_5hasex	WT_veg	OK	179,547	306,209	0,770159	-1,51759	0,129119	0,343786	no
AN8291	ChrII_A_nidulans_FGSC_A4:1400856-1404602	WT_5hasex	WT_veg	OK	36,7591	58,8713	0,679464	-1,33096	0,183201	0,430943	no
AN8292	ChrII_A_nidulans_FGSC_A4:1407091-1409040	WT_5hasex	WT_veg	OK	16,1271	25,4501	0,658182	-1,2292	0,218998	0,479859	no

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AN8293	ChrII_A_nidulans_FGSC_A4:1409117-1412511	WT_5hasex	WT_veg	OK	40,1821	99,918	1,31419	-2,72577	0,00641511	0,0365079	yes
AN8295	ChrV_A_nidulans_FGSC_A4:13364-15076	WT_5hasex	WT_veg	NOTEST	0,0511418	0,227348	2,15232	-0,262378	0,79303		1 no
AN8298	ChrV_A_nidulans_FGSC_A4:25940-27601	WT_5hasex	WT_veg	OK	8,25829	15,0721	0,867966	-1,34977	0,177089	0,422041	no
AN8299	ChrV_A_nidulans_FGSC_A4:29532-30286	WT_5hasex	WT_veg	NOTEST	0,75997	1,22752	0,691732	-0,436606	0,662397		1 no
AN8300	ChrV_A_nidulans_FGSC_A4:32704-38884	WT_5hasex	WT_veg	NOTEST	0,478171	1,28758	1,42907	-1,85058	0,0642298		1 no
AN8301	ChrV_A_nidulans_FGSC_A4:40523-44383	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8302	ChrV_A_nidulans_FGSC_A4:45420-47341	WT_5hasex	WT_veg	NOTEST	0,243601	0,0961821	-1,34068	0,428033	0,668627		1 no
AN8303	ChrV_A_nidulans_FGSC_A4:47777-50361	WT_5hasex	WT_veg	NOTEST	1,18876	0,48007	-1,30814	0,905594	0,365151		1 no
AN8304	ChrV_A_nidulans_FGSC_A4:50469-54313	WT_5hasex	WT_veg	NOTEST	0,772644	1,14308	0,565057	-0,610599	0,541465		1 no
AN8305	ChrV_A_nidulans_FGSC_A4:59999-60923	WT_5hasex	WT_veg	NOTEST	0,192947	0,602549	1,64288	-0,572042	0,567294		1 no
AN8306	ChrV_A_nidulans_FGSC_A4:62954-64094	WT_5hasex	WT_veg	NOTEST	1,48624	0,983855	-0,595153	0,385402	0,69994		1 no
AN8307	ChrV_A_nidulans_FGSC_A4:64678-65545	WT_5hasex	WT_veg	OK	12,142	35,2096	1,53596	-2,46553	0,0136809	0,0665715	no
AN8308	ChrV_A_nidulans_FGSC_A4:69779-70236	WT_5hasex	WT_veg	OK	285,408	12,347	-4,5308	7,1036	1,2155E-12	6,7615E-11	yes
AN8310	ChrV_A_nidulans_FGSC_A4:80003-81524	WT_5hasex	WT_veg	NOTEST	0,16734	0	-1.79769e+308	-1.79769e+308	0,224063		1 no
AN8311	ChrV_A_nidulans_FGSC_A4:84192-85070	WT_5hasex	WT_veg	OK	20,2072	11,8842	-0,765827	1,22554	0,220372	0,481827	no
AN8312	ChrV_A_nidulans_FGSC_A4:89483-90171	WT_5hasex	WT_veg	NOTEST	0,371553	1,37066	1,88323	-0,8284	0,407444		1 no
AN8313	ChrV_A_nidulans_FGSC_A4:93547-95775	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8314	ChrV_A_nidulans_FGSC_A4:97877-102864	WT_5hasex	WT_veg	OK	30,0218	2,21908	-3,75798	7,10887	1,17E-12	6,5291E-11	yes
AN8315	ChrV_A_nidulans_FGSC_A4:103629-105148	WT_5hasex	WT_veg	NOTEST	0,804247	1,36783	0,766175	-0,622352	0,53371		1 no
AN8316	ChrV_A_nidulans_FGSC_A4:106020-107814	WT_5hasex	WT_veg	NOTEST	0,449462	0	-1.79769e+308	-1.79769e+308	0,0540986		1 no
AN8317	ChrV_A_nidulans_FGSC_A4:108538-111183	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8318	ChrV_A_nidulans_FGSC_A4:111422-113162	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8319	ChrV_A_nidulans_FGSC_A4:114199-115493	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8320	ChrV_A_nidulans_FGSC_A4:115814-116267	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8321	ChrV_A_nidulans_FGSC_A4:117290-118260	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8322	ChrV_A_nidulans_FGSC_A4:118394-122137	WT_5hasex	WT_veg	NOTEST	1,75331	3,7201	1,08526	-1,55913	0,118966		1 no
AN8323	ChrV_A_nidulans_FGSC_A4:124767-126263	WT_5hasex	WT_veg	OK	6,7043	12,6882	0,920329	-1,34373	0,179037	0,424675	no
AN8324	ChrV_A_nidulans_FGSC_A4:128558-130493	WT_5hasex	WT_veg	NOTEST	0,614572	0,773422	0,331674	-0,193565	0,846517		1 no
AN8325	ChrV_A_nidulans_FGSC_A4:130877-132277	WT_5hasex	WT_veg	NOTEST	0,773654	0,799281	0,0470157	-0,0290596	0,976817		1 no
AN8326	ChrV_A_nidulans_FGSC_A4:134287-134569	WT_5hasex	WT_veg	OK	13,8387	2,69213	-2,36189	1,59172	0,111447	0,311834	no
AN8328	ChrV_A_nidulans_FGSC_A4:144997-146205	WT_5hasex	WT_veg	NOTEST	1,39325	1,43723	0,0448359	-0,0392721	0,968673		1 no
AN8329	ChrV_A_nidulans_FGSC_A4:146678-148714	WT_5hasex	WT_veg	NOTEST	1,51233	1,29587	-0,222857	0,228181	0,819506		1 no
AN8330	ChrV_A_nidulans_FGSC_A4:148851-150000	WT_5hasex	WT_veg	OK	19,19	33,119	0,787301	-1,41261	0,157771	0,391974	no
AN8332	ChrV_A_nidulans_FGSC_A4:153993-155047	WT_5hasex	WT_veg	NOTEST	0,330804	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
AN8334	ChrV_A_nidulans_FGSC_A4:158087-160077	WT_5hasex	WT_veg	NOTEST	1,01169	2,86447	1,5015	-1,4986	0,133976		1 no
AN8335	ChrV_A_nidulans_FGSC_A4:161450-162305	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8336	ChrV_A_nidulans_FGSC_A4:162604-163589	WT_5hasex	WT_veg	NOTEST	1,29244	0	-1.79769e+308	-1.79769e+308	0,0587576		1 no
AN8337	ChrV_A_nidulans_FGSC_A4:166227-167283	WT_5hasex	WT_veg	OK	83,3527	5,44774	-3,9355	6,04035	1,5378E-09	5,2056E-08	yes
AN8339	ChrV_A_nidulans_FGSC_A4:169721-171028	WT_5hasex	WT_veg	OK	497,699	2892,51	2,53897	-4,49821	6,8527E-06	0,00010272	yes
AN8340	ChrV_A_nidulans_FGSC_A4:173587-175564	WT_5hasex	WT_veg	OK	2,90445	0,740791	-1,97112	1,66367	0,0961792	0,281705	no
AN8341	ChrV_A_nidulans_FGSC_A4:175874-177808	WT_5hasex	WT_veg	OK	4,8919	7,28555	0,574642	-0,884475	0,37644	0,651094	no
AN8342	ChrV_A_nidulans_FGSC_A4:178355-179950	WT_5hasex	WT_veg	NOTEST	1,84819	0	-1.79769e+308	-1.79769e+308	0,0254301		1 no
AN8344	ChrV_A_nidulans_FGSC_A4:181039-185634	WT_5hasex	WT_veg	OK	5,07963	13,1105	1,36793	-2,48333	0,013016	0,0641245	no
AN8345	ChrV_A_nidulans_FGSC_A4:186010-188539	WT_5hasex	WT_veg	OK	1,28799	5,80236	2,17152	-2,85392	0,00431829	0,0264292	yes
AN8346	ChrV_A_nidulans_FGSC_A4:189923-191319	WT_5hasex	WT_veg	OK	92,5064	147,91	0,677096	-1,28305	0,199475	0,453566	no
AN8347	ChrV_A_nidulans_FGSC_A4:192440-194330	WT_5hasex	WT_veg	NOTEST	0,739442	1,02686	0,473731	-0,40806	0,68323		1 no
AN8349	ChrV_A_nidulans_FGSC_A4:197440-199634	WT_5hasex	WT_veg	NOTEST	1,02209	1,21161	0,245399	-0,2156	0,8293		1 no
AN8351	ChrV_A_nidulans_FGSC_A4:202080-204334	WT_5hasex	WT_veg	NOTEST	0,370087	2,0445E-05	-14,1439	0,000955476	0,999238		1 no
AN8352	ChrV_A_nidulans_FGSC_A4:204877-206510	WT_5hasex	WT_veg	NOTEST	0	0,777348	1.79769e+308	1.79769e+308	0,123323		1 no
AN8353	ChrV_A_nidulans_FGSC_A4:207088-208070	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8354	ChrV_A_nidulans_FGSC_A4:208216-209237	WT_5hasex	WT_veg	NOTEST	0,225534	3,67239	4,02531	-1,92092	0,0547418		1 no
AN8355	ChrV_A_nidulans_FGSC_A4:209502-211297	WT_5hasex	WT_veg	NOTEST	0,86875	2,28983	1,39823	-1,51495	0,129786		1 no
AN8356	ChrV_A_nidulans_FGSC_A4:211455-212669	WT_5hasex	WT_veg	NOTEST	1,7792	1,93949	0,124449	-0,12964	0,896851		1 no

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AN8357	ChrV_A_nidulans_FGSC_A4:213553-215890	WT_5hasex	WT_veg	NOTEST	0,710895	1,33569	0,909875	-0,945588	0,344359	1	no
AN8359	ChrV_A_nidulans_FGSC_A4:218124-219643	WT_5hasex	WT_veg	NOTEST	0,321623	1,20092	1,90069	-1,34311	0,179236	1	no
AN8360	ChrV_A_nidulans_FGSC_A4:223260-224118	WT_5hasex	WT_veg	OK	4,44482	10,3211	1,2154	-1,64597	0,0997692	0,288836	no
AN8361	ChrV_A_nidulans_FGSC_A4:225326-228441	WT_5hasex	WT_veg	OK	14,1223	33,7633	1,25748	-2,35738	0,0184045	0,0835696	no
AN8362	ChrV_A_nidulans_FGSC_A4:228655-229672	WT_5hasex	WT_veg	OK	57,197	131,802	1,20436	-2,38795	0,0169426	0,0785966	no
AN8363	ChrV_A_nidulans_FGSC_A4:230406-232541	WT_5hasex	WT_veg	OK	25,2738	41,204	0,705139	-1,33843	0,180756	0,427261	no
AN8364	ChrV_A_nidulans_FGSC_A4:233426-234186	WT_5hasex	WT_veg	OK	2,28269	1,52812	-0,578982	0,463158	0,643251	0,83789	no
AN8365	ChrV_A_nidulans_FGSC_A4:235927-237935	WT_5hasex	WT_veg	OK	28,6118	4,36926	-2,71115	4,65215	3,2849E-06	5,3382E-05	yes
AN8366	ChrV_A_nidulans_FGSC_A4:243479-244811	WT_5hasex	WT_veg	OK	96,1474	18,0923	-2,40987	4,83952	1,3015E-06	2,3293E-05	yes
AN8367	ChrV_A_nidulans_FGSC_A4:254351-255377	WT_5hasex	WT_veg	OK	25,6207	55,8233	1,12356	-1,98858	0,0467473	0,169397	no
AN8368	ChrV_A_nidulans_FGSC_A4:255598-257324	WT_5hasex	WT_veg	OK	14,6628	43,5486	1,57047	-2,71523	0,00662292	0,0374667	yes
AN8369	ChrV_A_nidulans_FGSC_A4:258021-266816	WT_5hasex	WT_veg	OK	7,42836	17,1548	1,2075	-2,50743	0,0121613	0,0607982	no
AN8370	ChrV_A_nidulans_FGSC_A4:268282-270713	WT_5hasex	WT_veg	NOTEST	1,42282	2,91515	1,03482	-1,17045	0,24182	1	no
AN8371	ChrV_A_nidulans_FGSC_A4:272732-273608	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8372	ChrV_A_nidulans_FGSC_A4:274911-276173	WT_5hasex	WT_veg	OK	1,28949	9,59462	2,89542	-2,9901	0,00278885	0,0183918	yes
AN8373	ChrV_A_nidulans_FGSC_A4:277514-278235	WT_5hasex	WT_veg	OK	1,56952	4,8587	1,63025	-1,61867	0,105519	0,300724	no
AN8374	ChrV_A_nidulans_FGSC_A4:278314-281501	WT_5hasex	WT_veg	OK	6,08984	0,4462	-3,77064	3,35146	0,00080387	0,00651979	yes
AN8375	ChrV_A_nidulans_FGSC_A4:283028-283661	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8376	ChrV_A_nidulans_FGSC_A4:285082-286224	WT_5hasex	WT_veg	NOTEST	1,46686	0,86491	-0,762108	0,495721	0,620091	1	no
AN8377	ChrV_A_nidulans_FGSC_A4:287760-288917	WT_5hasex	WT_veg	NOTEST	0,808532	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
AN8378	ChrV_A_nidulans_FGSC_A4:292549-293891	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8379	ChrV_A_nidulans_FGSC_A4:298124-301050	WT_5hasex	WT_veg	NOTEST	0,111368	0,0890122	-0,323263	0,0930414	0,925871	1	no
AN8381	ChrV_A_nidulans_FGSC_A4:303033-305865	WT_5hasex	WT_veg	NOTEST	0,285012	0,390828	0,455512	-0,290311	0,771578	1	no
AN8382	ChrV_A_nidulans_FGSC_A4:306120-307093	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8384	ChrV_A_nidulans_FGSC_A4:316890-318138	WT_5hasex	WT_veg	OK	2,4297	0,765837	-1,66567	1,16507	0,243992	0,511396	no
AN8385	ChrV_A_nidulans_FGSC_A4:319969-320587	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8387	ChrV_A_nidulans_FGSC_A4:328334-328999	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8388	ChrV_A_nidulans_FGSC_A4:331636-333065	WT_5hasex	WT_veg	NOTEST	0,542947	1,24912	1,20202	-0,917519	0,358871	1	no
AN8389	ChrV_A_nidulans_FGSC_A4:333737-335287	WT_5hasex	WT_veg	OK	7,74942	4,24007	-0,869998	1,27642	0,201808	0,457149	no
AN8390	ChrV_A_nidulans_FGSC_A4:335435-336451	WT_5hasex	WT_veg	OK	4,02436	2,81438	-0,515941	0,533093	0,593969	0,809329	no
AN8391	ChrV_A_nidulans_FGSC_A4:338955-340897	WT_5hasex	WT_veg	OK	5,20717	29,3771	2,49612	-3,80322	0,00014283	0,00149091	yes
AN8393	ChrV_A_nidulans_FGSC_A4:346025-346460	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8394	ChrV_A_nidulans_FGSC_A4:347625-349417	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8395	ChrV_A_nidulans_FGSC_A4:349839-350832	WT_5hasex	WT_veg	NOTEST	0,245317	1,04837	2,09543	-0,881466	0,378066	1	no
AN8397	ChrV_A_nidulans_FGSC_A4:358016-358629	WT_5hasex	WT_veg	NOTEST	0	1,12658	1.79769e+308	1.79769e+308	0,134707	1	no
AN8398	ChrV_A_nidulans_FGSC_A4:358992-360569	WT_5hasex	WT_veg	NOTEST	1,32974	2,56038	0,945213	-1,07903	0,280576	1	no
AN8399	ChrV_A_nidulans_FGSC_A4:361087-364883	WT_5hasex	WT_veg	OK	15,9044	1,79388	-3,14827	5,57445	2,4831E-08	6,6017E-07	yes
AN8400	ChrV_A_nidulans_FGSC_A4:365799-368048	WT_5hasex	WT_veg	NOTEST	0,875541	2,89371	1,72467	-1,83554	0,0664264	1	no
AN8402	ChrV_A_nidulans_FGSC_A4:373515-374142	WT_5hasex	WT_veg	OK	18,0403	71,7653	1,99206	-3,10849	0,00188048	0,0132519	yes
AN8403	ChrV_A_nidulans_FGSC_A4:374555-375556	WT_5hasex	WT_veg	OK	2,84947	17,8591	2,6479	-3,37684	0,00073324	0,00602716	yes
AN8404	ChrV_A_nidulans_FGSC_A4:375996-376704	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8405	ChrV_A_nidulans_FGSC_A4:377549-379483	WT_5hasex	WT_veg	NOTEST	0,112483	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN8406	ChrV_A_nidulans_FGSC_A4:381287-382489	WT_5hasex	WT_veg	OK	35,9828	54,5909	0,601354	-1,16667	0,243342	0,510535	no
AN8407	ChrV_A_nidulans_FGSC_A4:383361-384713	WT_5hasex	WT_veg	OK	55,7491	115,874	1,05554	-2,16658	0,0302669	0,122121	no
AN8417	ChrV_A_nidulans_FGSC_A4:423354-425238	WT_5hasex	WT_veg	OK	1,32614	5,87963	2,14849	-2,58032	0,00987083	0,0515601	no
AN8418	ChrV_A_nidulans_FGSC_A4:425556-427209	WT_5hasex	WT_veg	OK	5,58201	16,4122	1,55591	-2,448	0,014365	0,0691742	no
AN8419	ChrV_A_nidulans_FGSC_A4:430071-431018	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8420	ChrV_A_nidulans_FGSC_A4:432327-432792	WT_5hasex	WT_veg	OK	3,87274	6,82516	0,81751	-0,833575	0,404521	0,675624	no
AN8422	ChrV_A_nidulans_FGSC_A4:437965-438715	WT_5hasex	WT_veg	OK	37,2719	40,9332	0,135184	-0,230344	0,817825	0,927067	no
AN8423	ChrV_A_nidulans_FGSC_A4:442672-444591	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8424	ChrV_A_nidulans_FGSC_A4:445135-447261	WT_5hasex	WT_veg	NOTEST	0,329545	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN8426	ChrV_A_nidulans_FGSC_A4:451553-454078	WT_5hasex	WT_veg	NOTEST	0,427033	2,39231	2,48599	-2,5539	0,0106524	1	no
AN8427	ChrV_A_nidulans_FGSC_A4:456113-456793	WT_5hasex	WT_veg	NOTEST	0,348512	0	-1.79769e+308	-1.79769e+308	0,23809	1	no

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AN8428	ChrV_A_nidulans_FGSC_A4:457627-458366	WT_5hasex	WT_veg	OK	0,436912	4,85883	3,47519	-1,73341	0,0830236	0,254436	no
AN8429	ChrV_A_nidulans_FGSC_A4:458655-459200	WT_5hasex	WT_veg	OK	0,743072	8,38342	3,49597	-2,46929	0,0135383	0,0660491	no
AN8430	ChrV_A_nidulans_FGSC_A4:461435-462726	WT_5hasex	WT_veg	OK	46,9438	2,8391	-0,428079	0,802373	0,422337	0,690288	no
AN8431	ChrV_A_nidulans_FGSC_A4:462985-464820	WT_5hasex	WT_veg	OK	12,5957	9,71817	-0,37418	0,649167	0,51623	0,76045	no
AN8432	ChrV_A_nidulans_FGSC_A4:464891-466946	WT_5hasex	WT_veg	NOTEST	0,740407	0,0864687	-3,09807	1,02937	0,303308	1	no
AN8433	ChrV_A_nidulans_FGSC_A4:469045-471581	WT_5hasex	WT_veg	NOTEST	1,96031	3,19956	0,706787	-0,818357	0,413153	1	no
AN8434	ChrV_A_nidulans_FGSC_A4:473504-475123	WT_5hasex	WT_veg	NOTEST	0,156083	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8435	ChrV_A_nidulans_FGSC_A4:475784-478704	WT_5hasex	WT_veg	NOTEST	0,0837541	0,698149	3,0593	-1,50622	0,132011	1	no
AN8436	ChrV_A_nidulans_FGSC_A4:480381-480907	WT_5hasex	WT_veg	OK	4,79021	1,89218	-1,34004	0,929424	0,35267	0,628135	no
AN8439	ChrV_A_nidulans_FGSC_A4:485591-486603	WT_5hasex	WT_veg	OK	10,9417	4,27106	-1,35717	1,62075	0,10507	0,299787	no
AN8441	ChrV_A_nidulans_FGSC_A4:491817-494067	WT_5hasex	WT_veg	NOTEST	1,21219	1,15306	-0,0721533	0,0797327	0,93645	1	no
AN8442	ChrV_A_nidulans_FGSC_A4:494923-495565	WT_5hasex	WT_veg	NOTEST	0,412169	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8443	ChrV_A_nidulans_FGSC_A4:498773-499928	WT_5hasex	WT_veg	OK	14,3047	8,47398	-0,755381	1,22568	0,220319	0,481732	no
AN8445	ChrV_A_nidulans_FGSC_A4:505695-507300	WT_5hasex	WT_veg	OK	45,2719	127,777	1,49694	-2,37475	0,0175609	0,0806721	no
AN8446	ChrV_A_nidulans_FGSC_A4:510124-511615	WT_5hasex	WT_veg	NOTEST	0,466741	0,566272	0,278873	-0,181741	0,855786	1	no
AN8447	ChrV_A_nidulans_FGSC_A4:511888-514082	WT_5hasex	WT_veg	NOTEST	0,125205	0,431956	1,78659	-0,785891	0,431931	1	no
AN8448	ChrV_A_nidulans_FGSC_A4:514469-516163	WT_5hasex	WT_veg	NOTEST	0,172185	0,927106	2,42878	-1,17312	0,240749	1	no
AN8449	ChrV_A_nidulans_FGSC_A4:517501-520798	WT_5hasex	WT_veg	NOTEST	0,249914	0,519969	1,05699	-0,918472	0,358372	1	no
AN8451	ChrV_A_nidulans_FGSC_A4:529834-531004	WT_5hasex	WT_veg	OK	5,83172	2,27542	-1,35779	1,58886	0,112092	0,312977	no
AN8452	ChrV_A_nidulans_FGSC_A4:531961-533303	WT_5hasex	WT_veg	NOTEST	1,18276	0,144736	-3,03067	1,00495	0,314919	1	no
AN8454	ChrV_A_nidulans_FGSC_A4:538053-540419	WT_5hasex	WT_veg	OK	25,5067	88,2333	1,79045	-2,99917	0,00270719	0,0179345	yes
AN8455	ChrV_A_nidulans_FGSC_A4:541023-543575	WT_5hasex	WT_veg	OK	14,7352	40,1506	1,44615	-2,73202	0,00629469	0,0359318	yes
AN8456	ChrV_A_nidulans_FGSC_A4:546910-547492	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8457	ChrV_A_nidulans_FGSC_A4:547968-551571	WT_5hasex	WT_veg	OK	5,53535	21,2011	1,93739	-3,10028	0,0019334	0,0135701	yes
AN8458	ChrV_A_nidulans_FGSC_A4:554126-554519	WT_5hasex	WT_veg	OK	1,96332	2,79062	0,507291	-0,323312	0,746459	0,89365	no
AN8459	ChrV_A_nidulans_FGSC_A4:555756-557548	WT_5hasex	WT_veg	OK	20,258	0,560254	-5,17626	3,702	0,00021391	0,00211096	yes
AN8460	ChrV_A_nidulans_FGSC_A4:558350-560357	WT_5hasex	WT_veg	OK	2,1089	2,78641	0,401915	-0,530126	0,596025	0,810696	no
AN8461	ChrV_A_nidulans_FGSC_A4:560956-562287	WT_5hasex	WT_veg	OK	554,285	1815,62	1,711176	-3,02271	0,00250523	0,0168306	yes
AN8462	ChrV_A_nidulans_FGSC_A4:563393-564479	WT_5hasex	WT_veg	OK	126,541	251,062	0,988437	-1,84617	0,064867	0,213649	no
AN8463	ChrV_A_nidulans_FGSC_A4:565967-566914	WT_5hasex	WT_veg	OK	2,63979	3,15206	0,255876	-0,277489	0,781405	0,910773	no
AN8464	ChrV_A_nidulans_FGSC_A4:569860-571542	WT_5hasex	WT_veg	NOTEST	0,144181	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN8466	ChrV_A_nidulans_FGSC_A4:577236-578317	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8467	ChrV_A_nidulans_FGSC_A4:581502-583273	WT_5hasex	WT_veg	NOTEST	0,127786	0,506392	1,98653	-0,835658	0,403348	1	no
AN8468	ChrV_A_nidulans_FGSC_A4:584599-588797	WT_5hasex	WT_veg	NOTEST	0,793277	1,10562	0,478962	-0,603089	0,54645	1	no
AN8469	ChrV_A_nidulans_FGSC_A4:590706-592755	WT_5hasex	WT_veg	NOTEST	0,784551	3,24661	2,04899	-2,28236	0,0224682	1	no
AN8470	ChrV_A_nidulans_FGSC_A4:592775-594080	WT_5hasex	WT_veg	NOTEST	0	1,34104	1.79769e+308	1.79769e+308	0,036343	1	no
AN8471	ChrV_A_nidulans_FGSC_A4:594400-595747	WT_5hasex	WT_veg	NOTEST	0,415902	1,38337	1,73388	-1,12875	0,259004	1	no
AN8472	ChrV_A_nidulans_FGSC_A4:596081-597246	WT_5hasex	WT_veg	NOTEST	0,491501	0	-1.79769e+308	-1.79769e+308	0,0654719	1	no
AN8473	ChrV_A_nidulans_FGSC_A4:597625-599920	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8474	ChrV_A_nidulans_FGSC_A4:600981-602824	WT_5hasex	WT_veg	NOTEST	0	0,473045	1.79769e+308	1.79769e+308	0,123323	1	no
AN8475	ChrV_A_nidulans_FGSC_A4:603637-604878	WT_5hasex	WT_veg	NOTEST	0,890945	0	-1.79769e+308	-1.79769e+308	0,0374675	1	no
AN8476	ChrV_A_nidulans_FGSC_A4:605342-607168	WT_5hasex	WT_veg	NOTEST	0	0,0999207	1.79769e+308	1.79769e+308	0,309884	1	no
AN8477	ChrV_A_nidulans_FGSC_A4:607701-609388	WT_5hasex	WT_veg	OK	2,94702	4,50621	0,612659	-0,763202	0,445343	0,708638	no
AN8478	ChrV_A_nidulans_FGSC_A4:610916-612389	WT_5hasex	WT_veg	OK	15,718	34,5134	1,13474	-1,89238	0,0584408	0,198369	no
AN8479	ChrV_A_nidulans_FGSC_A4:612860-615622	WT_5hasex	WT_veg	OK	2,80181	10,6707	1,92922	-2,99703	0,00272625	0,018038	yes
AN8480	ChrV_A_nidulans_FGSC_A4:620014-624544	WT_5hasex	WT_veg	NOTEST	0,040823	0,380664	3,22106	-1,90802	0,056389	1	no
AN8481	ChrV_A_nidulans_FGSC_A4:626579-631613	WT_5hasex	WT_veg	OK	4,8921	11,8745	1,27934	-2,22052	0,0263835	0,109927	no
AN8483	ChrV_A_nidulans_FGSC_A4:643387-644121	WT_5hasex	WT_veg	OK	9,63598	7,07723	-0,445246	0,58436	0,558978	0,788175	no
AN8484	ChrV_A_nidulans_FGSC_A4:646625-648156	WT_5hasex	WT_veg	NOTEST	0,525317	0,773045	0,557364	-0,432879	0,665103	1	no
AN8485	ChrV_A_nidulans_FGSC_A4:649509-650864	WT_5hasex	WT_veg	OK	106,779	229,486	1,10377	-2,28217	0,0224791	0,0972387	no
AN8486	ChrV_A_nidulans_FGSC_A4:652857-654794	WT_5hasex	WT_veg	OK	10,0397	24,4947	1,28675	-2,25879	0,0238964	0,101898	no
AN8487	ChrV_A_nidulans_FGSC_A4:655996-657010	WT_5hasex	WT_veg	NOTEST	0,634231	0	-1.79769e+308	-1.79769e+308	0,0613422	1	no
AN8488	ChrV_A_nidulans_FGSC_A4:657307-658120	WT_5hasex	WT_veg	OK	127,972	207,598	0,697963	-1,40625	0,15965	0,394938	no

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AN8490	ChrV_A_nidulans_FGSC_A4:669376-670552	WT_5hasex	WT_veg	OK	18,5824	22,5112	0,276707	-0,482548	0,629416	0,830029	no
AN8491	ChrV_A_nidulans_FGSC_A4:671075-671949	WT_5hasex	WT_veg	OK	41,2094	167,052	2,01926	-3,71103	0,00020642	0,00204786	yes
AN8492	ChrV_A_nidulans_FGSC_A4:672169-673327	WT_5hasex	WT_veg	OK	8,37422	11,0617	0,401542	-0,52383	0,600397	0,813476	no
AN8493	ChrV_A_nidulans_FGSC_A4:673632-676039	WT_5hasex	WT_veg	NOTEST	0,397485	1,69021	2,08823	-1,40687	0,159466		1 no
AN8494	ChrV_A_nidulans_FGSC_A4:676437-677564	WT_5hasex	WT_veg	NOTEST	0,576095	0,59639	0,0499475	-0,0311691	0,975135		1 no
AN8495	ChrV_A_nidulans_FGSC_A4:681211-684024	WT_5hasex	WT_veg	OK	40,1077	207,438	2,37073	-4,75027	2,0314E-06	3,4867E-05	yes
AN8496	ChrV_A_nidulans_FGSC_A4:684282-685479	WT_5hasex	WT_veg	OK	39,8824	102,088	1,35599	-2,37954	0,0173341	0,0799035	no
AN8497	ChrV_A_nidulans_FGSC_A4:685754-686370	WT_5hasex	WT_veg	OK	121,173	284,09	1,22928	-2,48943	0,0127948	0,063288	no
AN8498	ChrV_A_nidulans_FGSC_A4:686531-688751	WT_5hasex	WT_veg	OK	65,6403	76,6171	0,223086	-0,422477	0,672677	0,853977	no
AN8499	ChrV_A_nidulans_FGSC_A4:691247-693185	WT_5hasex	WT_veg	OK	53,9654	84,7034	0,650386	-1,35373	0,175822	0,420247	no
AN8500	ChrV_A_nidulans_FGSC_A4:693299-694142	WT_5hasex	WT_veg	OK	106,069	386,804	1,86661	-3,87489	0,00010667	0,00116118	yes
AN8501	ChrV_A_nidulans_FGSC_A4:695927-698238	WT_5hasex	WT_veg	OK	9,8317	16,333	0,732276	-1,29403	0,195655	0,448331	no
AN8502	ChrV_A_nidulans_FGSC_A4:699768-701387	WT_5hasex	WT_veg	NOTEST	1,02376	1,54245	0,591353	-0,588312	0,556323		1 no
AN8503	ChrV_A_nidulans_FGSC_A4:701815-702416	WT_5hasex	WT_veg	OK	21,0834	115,389	2,45232	-3,65558	0,0002566	0,00247222	yes
AN8504	ChrV_A_nidulans_FGSC_A4:703160-705994	WT_5hasex	WT_veg	NOTEST	0,170181	0,297011	0,803447	-0,471216	0,637487		1 no
AN8505	ChrV_A_nidulans_FGSC_A4:715698-718782	WT_5hasex	WT_veg	OK	18,0206	38,714	1,10321	-2,01856	0,0435331	0,160502	no
AN8506	ChrV_A_nidulans_FGSC_A4:719361-721947	WT_5hasex	WT_veg	OK	5,93505	4,84391	-0,293088	0,455116	0,649026	0,840989	no
AN8507	ChrV_A_nidulans_FGSC_A4:722252-723855	WT_5hasex	WT_veg	OK	1,77873	0,702824	-1,33961	0,873998	0,382119	0,65618	no
AN8508	ChrV_A_nidulans_FGSC_A4:725231-726415	WT_5hasex	WT_veg	NOTEST	0	0,185961	1.79769e+308	1.79769e+308	0,309884		1 no
AN8509	ChrV_A_nidulans_FGSC_A4:727222-728785	WT_5hasex	WT_veg	NOTEST	0,474213	0	-1.79769e+308	-1.79769e+308	0,0908325		1 no
AN8511	ChrV_A_nidulans_FGSC_A4:731888-733135	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8512	ChrV_A_nidulans_FGSC_A4:734168-735426	WT_5hasex	WT_veg	OK	1,67089	4,92806	1,5604	-1,6664	0,0956344	0,2806	no
AN8521	ChrV_A_nidulans_FGSC_A4:747264-748591	WT_5hasex	WT_veg	NOTEST	0,445618	0,639039	0,520097	-0,331749	0,740079		1 no
AN8522	ChrV_A_nidulans_FGSC_A4:748968-750223	WT_5hasex	WT_veg	OK	4,71183	0,857287	-2,45844	-2,10468	0,0353193	0,137484	no
AN8523	ChrV_A_nidulans_FGSC_A4:750649-751807	WT_5hasex	WT_veg	OK	13,6675	15,8172	0,210746	-0,346078	0,729284	0,885386	no
AN8524	ChrV_A_nidulans_FGSC_A4:754337-756808	WT_5hasex	WT_veg	OK	2,07343	7,12688	1,78125	-2,31605	0,0205557	0,0910761	no
AN8525	ChrV_A_nidulans_FGSC_A4:757321-758883	WT_5hasex	WT_veg	OK	23,3439	5,70236	-2,03342	3,3371	0,00084659	0,00681983	yes
AN8526	ChrV_A_nidulans_FGSC_A4:761069-762521	WT_5hasex	WT_veg	NOTEST	0	0,56014	1.79769e+308	1.79769e+308	0,123323		1 no
AN8527	ChrV_A_nidulans_FGSC_A4:764105-764960	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1		1 no
AN8528	ChrV_A_nidulans_FGSC_A4:766958-768369	WT_5hasex	WT_veg	OK	28,9986	98,5713	1,76519	-3,30174	0,00096087	0,00759906	yes
AN8529	ChrV_A_nidulans_FGSC_A4:768962-770273	WT_5hasex	WT_veg	NOTEST	0,179888	0,538515	1,58189	-0,656457	0,51153		1 no
AN8530	ChrV_A_nidulans_FGSC_A4:770451-772160	WT_5hasex	WT_veg	OK	2,54278	2,57854	0,0201476	-0,024614	0,980363	0,993176	no
AN8531	ChrV_A_nidulans_FGSC_A4:772832-773799	WT_5hasex	WT_veg	OK	21,3643	66,4259	1,63655	-2,83735	0,004549	0,0275803	yes
AN8532	ChrV_A_nidulans_FGSC_A4:773889-775002	WT_5hasex	WT_veg	OK	3,95444	6,21303	0,651824	-0,845296	0,397946	0,670606	no
AN8533	ChrV_A_nidulans_FGSC_A4:776508-777630	WT_5hasex	WT_veg	OK	8,84391	41,3446	2,22494	-3,11782	0,00182195	0,0129036	yes
AN8535	ChrV_A_nidulans_FGSC_A4:786783-788739	WT_5hasex	WT_veg	OK	23,2442	39,7687	0,774762	-1,51605	0,129506	0,344398	no
AN8536	ChrV_A_nidulans_FGSC_A4:788894-790551	WT_5hasex	WT_veg	OK	27,128	92,8591	1,77526	-3,20486	0,00135126	0,0100767	yes
AN8537	ChrV_A_nidulans_FGSC_A4:791416-793502	WT_5hasex	WT_veg	OK	80,0299	29,5247	-1,43862	2,94506	0,0032289	0,0207863	yes
AN8538	ChrV_A_nidulans_FGSC_A4:797554-799178	WT_5hasex	WT_veg	OK	11,6235	17,2463	0,569237	-0,975667	0,329229	0,605752	no
AN8539	ChrV_A_nidulans_FGSC_A4:801872-802495	WT_5hasex	WT_veg	NOTEST	1,46368	1,40797	-0,055978	0,0374944	0,970091		1 no
AN8543	ChrV_A_nidulans_FGSC_A4:814165-814892	WT_5hasex	WT_veg	OK	2,29242	0,343248	-2,73955	0,899916	0,368165	0,642979	no
AN8544	ChrV_A_nidulans_FGSC_A4:816827-818612	WT_5hasex	WT_veg	OK	109,375	20,2664	-2,43211	4,90171	9,5004E-07	1,7511E-05	yes
AN8545	ChrV_A_nidulans_FGSC_A4:819218-822684	WT_5hasex	WT_veg	OK	3,09879	15,5222	2,32456	-3,63974	0,00027291	0,0026013	yes
AN8546	ChrV_A_nidulans_FGSC_A4:823384-827231	WT_5hasex	WT_veg	OK	19,1862	60,8003	1,66401	-3,14908	0,00163788	0,0118253	yes
AN8547	ChrV_A_nidulans_FGSC_A4:823384-827231	WT_5hasex	WT_veg	OK	74,9521	93,7924	0,323502	-0,662997	0,507333	0,75457	no
AN8548	ChrV_A_nidulans_FGSC_A4:829205-830803	WT_5hasex	WT_veg	OK	94,5314	121,983	0,367816	-0,734992	0,462345	0,721825	no
AN8549	ChrV_A_nidulans_FGSC_A4:835020-836220	WT_5hasex	WT_veg	NOTEST	0,148832	3,46956	4,54299	-2,91359	0,00357301		1 no
AN8550	ChrV_A_nidulans_FGSC_A4:837043-840133	WT_5hasex	WT_veg	NOTEST	0,0683345	0,318601	2,22106	-1,14626	0,251686		1 no
AN8551	ChrV_A_nidulans_FGSC_A4:840782-842977	WT_5hasex	WT_veg	NOTEST	0	0,477414	1.79769e+308	1.79769e+308	0,0716995		1 no
AN8553	ChrV_A_nidulans_FGSC_A4:847260-849477	WT_5hasex	WT_veg	OK	9,39691	7,19983	-0,384224	0,654659	0,512687	0,757798	no
AN8554	ChrV_A_nidulans_FGSC_A4:849541-850425	WT_5hasex	WT_veg	NOTEST	1,92158	3,23068	0,749541	-0,745887	0,455735		1 no
AN8555	ChrV_A_nidulans_FGSC_A4:851777-853041	WT_5hasex	WT_veg	NOTEST	1,64345	3,08231	0,907282	-0,860046	0,389764		1 no
AN8556	ChrV_A_nidulans_FGSC_A4:853382-855323	WT_5hasex	WT_veg	NOTEST	1,66748	1,45296	-0,198673	0,196218	0,84444		1 no

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AN8557	ChrV_A_nidulans_FGSC_A4:856253-859575	WT_5hasex	WT_veg	OK	55,6667	51,8753	-0,101767	0,209881	0,833761	0,934001	no
AN8558	ChrV_A_nidulans_FGSC_A4:860524-862363	WT_5hasex	WT_veg	OK	2,1905	0,817111	-1,42266	1,35793	0,174486	0,418233	no
AN8559	ChrV_A_nidulans_FGSC_A4:863364-864621	WT_5hasex	WT_veg	OK	27,6501	45,0769	0,705106	-1,13297	0,257228	0,527081	no
AN8561	ChrV_A_nidulans_FGSC_A4:871501-872595	WT_5hasex	WT_veg	OK	7,6088	26,1765	1,78253	-2,26901	0,0232674	0,0998657	no
AN8562	ChrV_A_nidulans_FGSC_A4:872909-878440	WT_5hasex	WT_veg	OK	8,01646	14,4721	0,85224	-1,64603	0,0997567	0,288825	no
AN8566	ChrV_A_nidulans_FGSC_A4:885761-886761	WT_5hasex	WT_veg	OK	7,8701	23,945	1,60527	-2,43993	0,01469	0,0703837	no
AN8567	ChrV_A_nidulans_FGSC_A4:892535-894024	WT_5hasex	WT_veg	OK	151,655	413,519	1,44716	-2,96197	0,00305681	0,0198541	yes
AN8568	ChrV_A_nidulans_FGSC_A4:895428-896124	WT_5hasex	WT_veg	OK	17,4613	25,0689	0,521737	-0,80856	0,418768	0,687126	no
AN8569	ChrV_A_nidulans_FGSC_A4:896223-896992	WT_5hasex	WT_veg	OK	2,16894	1,93297	-0,166168	0,132255	0,894783	0,959844	no
AN8570	ChrV_A_nidulans_FGSC_A4:898587-899936	WT_5hasex	WT_veg	NOTEST	0,501689	0,821815	0,712019	-0,417594	0,676244	1	no
AN8571	ChrV_A_nidulans_FGSC_A4:902945-903656	WT_5hasex	WT_veg	OK	116,852	161,868	0,470143	-0,963931	0,335081	0,611234	no
AN8572	ChrV_A_nidulans_FGSC_A4:904959-905997	WT_5hasex	WT_veg	OK	19,0205	28,1698	0,566593	-1,00383	0,315463	0,591656	no
AN8573	ChrV_A_nidulans_FGSC_A4:906616-908354	WT_5hasex	WT_veg	OK	6,49167	11,3575	0,806989	-1,20565	0,227953	0,491047	no
AN8574	ChrV_A_nidulans_FGSC_A4:908665-909800	WT_5hasex	WT_veg	OK	7,19537	17,1102	1,24972	-1,66308	0,0962955	0,281882	no
AN8575	ChrV_A_nidulans_FGSC_A4:911937-914453	WT_5hasex	WT_veg	OK	3,97782	11,9163	1,58289	-2,35025	0,0187609	0,0847287	no
AN8576	ChrV_A_nidulans_FGSC_A4:916129-922139	WT_5hasex	WT_veg	OK	7,12169	13,1466	0,884396	-1,72302	0,0848847	0,258477	no
AN8577	ChrV_A_nidulans_FGSC_A4:926300-929692	WT_5hasex	WT_veg	OK	3,73222	9,42181	1,33597	-2,14739	0,0317625	0,126881	no
AN8578	ChrV_A_nidulans_FGSC_A4:930040-930984	WT_5hasex	WT_veg	NOTEST	0,804659	2,01814	1,32657	-1,05664	0,290675	1	no
AN8579	ChrIII_A_nidulans_FGSC_A4:3467316-3469753	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8580	ChrIII_A_nidulans_FGSC_A4:3464580-3466104	WT_5hasex	WT_veg	OK	51,8637	86,8802	0,744301	-1,51727	0,129199	0,343862	no
AN8581	ChrIII_A_nidulans_FGSC_A4:3459842-3461648	WT_5hasex	WT_veg	NOTEST	0,0987505	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN8583	ChrIII_A_nidulans_FGSC_A4:3453068-3454187	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8584	ChrIII_A_nidulans_FGSC_A4:3451894-3452328	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8585	ChrIII_A_nidulans_FGSC_A4:3446706-3447788	WT_5hasex	WT_veg	NOTEST	1,43264	1,00782	-0,507429	0,373602	0,7087	1	no
AN8586	ChrIII_A_nidulans_FGSC_A4:3443318-3444115	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8587	ChrIII_A_nidulans_FGSC_A4:3439386-3440589	WT_5hasex	WT_veg	OK	16,072	3,69914	-2,11929	2,88249	0,00394543	0,0245195	yes
AN8589	ChrIII_A_nidulans_FGSC_A4:3432947-3433981	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8590	ChrIII_A_nidulans_FGSC_A4:3426182-3430148	WT_5hasex	WT_veg	OK	11,446	23,4184	1,03279	-1,9316	0,0534083	0,185892	no
AN8591	ChrIII_A_nidulans_FGSC_A4:3426182-3430148	WT_5hasex	WT_veg	OK	162,979	610,577	1,90549	-3,82933	0,00012849	0,00136658	yes
AN8592	ChrIII_A_nidulans_FGSC_A4:3423665-3425677	WT_5hasex	WT_veg	OK	14,1212	29,8014	1,07751	-1,97723	0,0480156	0,172692	no
AN8593	ChrIII_A_nidulans_FGSC_A4:3421428-3422926	WT_5hasex	WT_veg	OK	2,72472	2,23572	-0,285372	0,298908	0,76501	0,903252	no
AN8595	ChrIII_A_nidulans_FGSC_A4:3414868-3416751	WT_5hasex	WT_veg	NOTEST	1,3427	2,70825	1,01222	-1,17739	0,239041	1	no
AN8596	ChrIII_A_nidulans_FGSC_A4:3412701-3414591	WT_5hasex	WT_veg	NOTEST	0,574062	1,15985	1,01466	-0,845293	0,397947	1	no
AN8597	ChrIII_A_nidulans_FGSC_A4:3410877-3412204	WT_5hasex	WT_veg	NOTEST	1,79404	0,610138	-1,556	1,02497	0,305378	1	no
AN8599	ChrIII_A_nidulans_FGSC_A4:3404028-3405143	WT_5hasex	WT_veg	OK	3,25191	2,69954	-0,268574	0,300434	0,763846	0,902738	no
AN8601	ChrIII_A_nidulans_FGSC_A4:3398447-3399398	WT_5hasex	WT_veg	OK	7,53993	10,0754	0,418217	-0,543153	0,587024	0,805458	no
AN8602	ChrIII_A_nidulans_FGSC_A4:3395652-3397266	WT_5hasex	WT_veg	OK	7,19261	9,13625	0,345087	-0,519201	0,603621	0,815483	no
AN8603	ChrIII_A_nidulans_FGSC_A4:3393583-3395265	WT_5hasex	WT_veg	OK	7,81792	7,91004	0,0168993	-0,0257233	0,979478	0,992873	no
AN8604	ChrIII_A_nidulans_FGSC_A4:3391016-3391727	WT_5hasex	WT_veg	OK	35,0025	89,6257	1,35645	-2,48552	0,0129363	0,0638493	no
AN8607	ChrIII_A_nidulans_FGSC_A4:3385064-3385685	WT_5hasex	WT_veg	OK	0,493705	4,20105	3,08903	-2,10714	0,0351051	0,136853	no
AN8608	ChrIII_A_nidulans_FGSC_A4:3381106-3381815	WT_5hasex	WT_veg	OK	16,4027	30,2802	0,884437	-1,22119	0,222014	0,483541	no
AN8609	ChrIII_A_nidulans_FGSC_A4:3380049-3381065	WT_5hasex	WT_veg	OK	26,9635	28,8341	0,096768	-0,156652	0,875519	0,952339	no
AN8610	ChrIII_A_nidulans_FGSC_A4:3376593-3378230	WT_5hasex	WT_veg	OK	7,45376	8,52559	0,19383	-0,29611	0,767146	0,904306	no
AN8611	ChrIII_A_nidulans_FGSC_A4:3373594-3374681	WT_5hasex	WT_veg	OK	46,2964	147,875	1,67541	-2,6848	0,00725721	0,0403023	yes
AN8612	ChrIII_A_nidulans_FGSC_A4:3370861-3372044	WT_5hasex	WT_veg	OK	1,92503	6,27198	1,70404	-1,99049	0,0465365	0,16882	no
AN8614	ChrIII_A_nidulans_FGSC_A4:3364530-3365436	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8616	ChrIII_A_nidulans_FGSC_A4:3256177-3258476	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8617	ChrIII_A_nidulans_FGSC_A4:3354901-3355601	WT_5hasex	WT_veg	NOTEST	1,35037	1,69142	0,324885	-0,19344	0,846615	1	no
AN8618	ChrIII_A_nidulans_FGSC_A4:3352708-3353762	WT_5hasex	WT_veg	OK	7,85552	0,630612	-3,63888	2,45898	0,0139334	0,0675428	no
AN8619	ChrIII_A_nidulans_FGSC_A4:3349626-3350708	WT_5hasex	WT_veg	NOTEST	1,8082	1,7332	-0,0611175	0,0597296	0,952371	1	no
AN8620	ChrIII_A_nidulans_FGSC_A4:3346069-3348127	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8621	ChrIII_A_nidulans_FGSC_A4:3342363-3345010	WT_5hasex	WT_veg	OK	5,62032	122,55	4,44657	-7,0458	1,8441E-12	9,901E-11	yes
AN8622	ChrIII_A_nidulans_FGSC_A4:3339771-3341989	WT_5hasex	WT_veg	NOTEST	1,05253	0,834635	-0,33464	0,313393	0,753982	1	no

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AN8623	ChrIII_A_nidulans_FGSC_A4:3337190-3339142	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8624	ChrIII_A_nidulans_FGSC_A4:3335753-3336575	WT_5hasex	WT_veg	OK	3,63376	0	-1.79769e+308	-1.79769e+308	0,0199808	0,0890866	no
AN8625	ChrIII_A_nidulans_FGSC_A4:3333616-3334763	WT_5hasex	WT_veg	NOTEST	0,272213	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8626	ChrIII_A_nidulans_FGSC_A4:3330539-3332740	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8627	ChrIII_A_nidulans_FGSC_A4:3327538-3328904	WT_5hasex	WT_veg	OK	99,9668	277,567	1,47331	-2,85507	0,00430269	0,0263461	yes
AN8628	ChrIII_A_nidulans_FGSC_A4:3326243-3327333	WT_5hasex	WT_veg	OK	24,0713	47,1112	0,968757	-1,64921	0,099105	0,287479	no
AN8629	ChrIII_A_nidulans_FGSC_A4:3323689-3325420	WT_5hasex	WT_veg	NOTEST	1,08541	1,50578	0,472277	-0,504088	0,614199	1	no
AN8630	ChrIII_A_nidulans_FGSC_A4:3321939-3322520	WT_5hasex	WT_veg	OK	44,5744	90,9374	1,02866	-1,83935	0,0658643	0,215862	no
AN8632	ChrIII_A_nidulans_FGSC_A4:3314553-3317833	WT_5hasex	WT_veg	NOTEST	0,0570822	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN8633	ChrIII_A_nidulans_FGSC_A4:3310838-3312678	WT_5hasex	WT_veg	OK	13,1523	27,0386	1,03971	-1,83828	0,0660218	0,216257	no
AN8634	ChrIII_A_nidulans_FGSC_A4:3309134-3310228	WT_5hasex	WT_veg	OK	15,4601	27,8833	0,850856	-1,45677	0,14518	0,371243	no
AN8635	ChrIII_A_nidulans_FGSC_A4:3305426-3306568	WT_5hasex	WT_veg	OK	4,05641	14,3809	1,82588	-2,22308	0,0262102	0,109431	no
AN8636	ChrIII_A_nidulans_FGSC_A4:3302048-3304323	WT_5hasex	WT_veg	OK	95,2335	602,095	2,66045	-4,76796	1,861E-06	3,2184E-05	yes
AN8639	ChrIII_A_nidulans_FGSC_A4:3292551-3294114	WT_5hasex	WT_veg	OK	64,3841	429,456	2,73773	-5,67633	1,3762E-08	3,8646E-07	yes
AN8640	ChrIII_A_nidulans_FGSC_A4:3291433-3291935	WT_5hasex	WT_veg	OK	80,9463	452,077	2,48153	-4,70738	2,5092E-06	4,1928E-05	yes
AN8641	ChrIII_A_nidulans_FGSC_A4:3290648-3291265	WT_5hasex	WT_veg	OK	1243,68	6642,67	2,41715	-4,28354	1,8394E-05	0,00024851	yes
AN8642	ChrIII_A_nidulans_FGSC_A4:3288891-3290233	WT_5hasex	WT_veg	OK	10,6541	11,7663	0,143248	-0,224839	0,822104	0,928927	no
AN8643	ChrIII_A_nidulans_FGSC_A4:3287480-3288765	WT_5hasex	WT_veg	OK	17,0577	51,1922	1,5855	-2,89027	0,00384908	0,0240376	yes
AN8644	ChrIII_A_nidulans_FGSC_A4:3282437-3283713	WT_5hasex	WT_veg	OK	9,76626	11,8554	0,27967	-0,436309	0,662613	0,848851	no
AN8645	ChrIII_A_nidulans_FGSC_A4:3278406-3279795	WT_5hasex	WT_veg	OK	4,05931	3,65783	-0,150249	0,191945	0,847786	0,940086	no
AN8646	ChrIII_A_nidulans_FGSC_A4:3271962-3273817	WT_5hasex	WT_veg	OK	1,37085	6,89557	2,3306	-2,21643	0,0266617	0,110778	no
AN8648	ChrIII_A_nidulans_FGSC_A4:3261188-3266227	WT_5hasex	WT_veg	OK	2,53764	12,1556	2,26006	-3,77103	0,00016258	0,00166819	yes
AN8649	ChrIII_A_nidulans_FGSC_A4:3259649-3260312	WT_5hasex	WT_veg	OK	12,7373	16,9731	0,414187	-0,622132	0,533855	0,772203	no
AN8650	ChrIII_A_nidulans_FGSC_A4:3256177-3258476	WT_5hasex	WT_veg	NOTEST	0,139621	0,683935	2,29234	-1,01781	0,308766	1	no
AN8652	ChrIII_A_nidulans_FGSC_A4:3250267-3251726	WT_5hasex	WT_veg	OK	5,5067	8,80402	0,676975	-0,935738	0,349408	0,625096	no
AN8653	ChrIII_A_nidulans_FGSC_A4:3246634-3248759	WT_5hasex	WT_veg	OK	51,0075	69,4422	0,445103	-0,697097	0,485742	0,739593	no
AN8654	ChrIII_A_nidulans_FGSC_A4:3243524-3246125	WT_5hasex	WT_veg	OK	2,19401	6,24553	1,50926	-1,99078	0,0465047	0,168751	no
AN8655	ChrIII_A_nidulans_FGSC_A4:3239297-3242062	WT_5hasex	WT_veg	OK	1,73561	7,03819	2,01976	-2,57165	0,0101216	0,0526157	no
AN8656	ChrIII_A_nidulans_FGSC_A4:3237392-3238794	WT_5hasex	WT_veg	NOTEST	0,673851	1,71986	1,35179	-1,2729	0,203055	1	no
AN8657	ChrIII_A_nidulans_FGSC_A4:3234786-3236238	WT_5hasex	WT_veg	OK	2,7656	6,5611	1,24634	-1,61894	0,10546	0,300588	no
AN8658	ChrIII_A_nidulans_FGSC_A4:3231632-3233357	WT_5hasex	WT_veg	NOTEST	0,173574	0,134184	-0,371337	0,106878	0,914886	1	no
AN8659	ChrIII_A_nidulans_FGSC_A4:3229830-3231157	WT_5hasex	WT_veg	NOTEST	1,4888	0	-1.79769e+308	-1.79769e+308	0,042755	1	no
AN8660	ChrIII_A_nidulans_FGSC_A4:3225084-3227083	WT_5hasex	WT_veg	OK	20,9645	66,2346	1,65964	-3,03234	0,00242663	0,0164014	yes
AN8661	ChrIII_A_nidulans_FGSC_A4:3221381-3223019	WT_5hasex	WT_veg	OK	72,774	202,381	1,47558	-2,48386	0,0129968	0,0640611	no
AN8662	ChrIII_A_nidulans_FGSC_A4:3218280-3219608	WT_5hasex	WT_veg	OK	8,91726	2,33233	-1,93483	2,23579	0,0253658	0,106602	no
AN8664	ChrIII_A_nidulans_FGSC_A4:3212148-3213335	WT_5hasex	WT_veg	OK	417,377	1113,74	1,41598	-2,60267	0,00924998	0,0489663	yes
AN8665	ChrIII_A_nidulans_FGSC_A4:3207533-3209049	WT_5hasex	WT_veg	NOTEST	0,881618	1,81819	1,04427	-0,703764	0,481579	1	no
AN8666	ChrIII_A_nidulans_FGSC_A4:3203073-3204304	WT_5hasex	WT_veg	OK	4,76982	3,26726	-0,545854	0,676932	0,498449	0,748603	no
AN8668	ChrIII_A_nidulans_FGSC_A4:3189624-3190970	WT_5hasex	WT_veg	OK	32,1268	132,939	2,04891	-3,99631	6,4337E-05	0,00074754	yes
AN8670	ChrIII_A_nidulans_FGSC_A4:3174527-3177262	WT_5hasex	WT_veg	OK	8,31725	15,1232	0,862586	-1,48219	0,138289	0,359642	no
AN8671	ChrIII_A_nidulans_FGSC_A4:3164655-3172081	WT_5hasex	WT_veg	OK	4,10211	8,54606	1,05889	-1,99096	0,0464853	0,168705	no
AN8672	ChrIII_A_nidulans_FGSC_A4:3158895-3163572	WT_5hasex	WT_veg	OK	18,9723	40,9728	1,11077	-2,32231	0,0202163	0,0898843	no
AN8673	ChrIII_A_nidulans_FGSC_A4:3153552-3155475	WT_5hasex	WT_veg	OK	9,00797	22,0103	1,28891	-2,17754	0,02944	0,119572	no
AN8674	ChrIII_A_nidulans_FGSC_A4:3151889-3152711	WT_5hasex	WT_veg	OK	129,633	208,264	0,683977	-1,41044	0,158409	0,393077	no
AN8675	ChrIII_A_nidulans_FGSC_A4:3149332-3151360	WT_5hasex	WT_veg	OK	28,6532	41,9638	0,550448	-1,10865	0,26758	0,539339	no
AN8677	ChrIII_A_nidulans_FGSC_A4:3143543-3145142	WT_5hasex	WT_veg	OK	110,56	121,347	0,134315	-0,274919	0,783379	0,91168	no
AN8678	ChrIII_A_nidulans_FGSC_A4:3140309-3140760	WT_5hasex	WT_veg	OK	1,35718	13,6132	3,32633	-2,57205	0,0101099	0,0525732	no
AN8679	ChrIII_A_nidulans_FGSC_A4:3138377-3139618	WT_5hasex	WT_veg	OK	67,6549	237,77	1,8133	-3,63462	0,00027839	0,00264662	yes
AN8681	ChrIII_A_nidulans_FGSC_A4:3134002-3135895	WT_5hasex	WT_veg	OK	26,1609	32,9578	0,33321	-0,671935	0,501625	0,750836	no
AN8682	ChrIII_A_nidulans_FGSC_A4:3132554-3133796	WT_5hasex	WT_veg	OK	14,9127	46,2105	1,63167	-2,86779	0,00413354	0,02548	yes
AN8683	ChrIII_A_nidulans_FGSC_A4:3127678-3130084	WT_5hasex	WT_veg	OK	51,672	75,8978	0,554674	-0,971002	0,331547	0,607962	no
AN8684	ChrIII_A_nidulans_FGSC_A4:3126334-3127426	WT_5hasex	WT_veg	OK	13,6082	4,49978	-1,59697	2,28307	0,0224262	0,0970891	no
AN8685	ChrIII_A_nidulans_FGSC_A4:3124147-3125138	WT_5hasex	WT_veg	OK	14,248	23,221	0,704672	-1,17346	0,240612	0,50651	no

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AN8687	ChrIII_A_nidulans_FGSC_A4:3121983-3123555	WT_5hasex	WT_veg	OK	27,6225	40,6451	0,557237	-1,10731	0,268161	0,53995	no
AN8688	ChrIII_A_nidulans_FGSC_A4:3120620-3121202	WT_5hasex	WT_veg	OK	8,13882	26,0951	1,68089	-2,09324	0,0363282	0,140531	no
AN8690	ChrIII_A_nidulans_FGSC_A4:3116168-3117028	WT_5hasex	WT_veg	OK	171,15	423,152	1,30591	-2,7049	0,00683259	0,0383917	yes
AN8691	ChrIII_A_nidulans_FGSC_A4:3113089-3116051	WT_5hasex	WT_veg	OK	6,67442	20,3485	1,60821	-2,85113	0,00435646	0,0266224	yes
AN8694	ChrIII_A_nidulans_FGSC_A4:3100916-3102951	WT_5hasex	WT_veg	OK	38,1171	61,1379	0,681627	-1,37476	0,169206	0,409436	no
AN8695	ChrIII_A_nidulans_FGSC_A4:3088523-3091219	WT_5hasex	WT_veg	OK	17,3699	41,8642	1,26913	-2,32071	0,0203023	0,0901883	no
AN8696	ChrIII_A_nidulans_FGSC_A4:3086769-3087874	WT_5hasex	WT_veg	OK	10,2327	23,7	1,21169	-1,92265	0,0545235	0,18869	no
AN8697	ChrIII_A_nidulans_FGSC_A4:3084224-3086304	WT_5hasex	WT_veg	NOTEST	0,127031	0,434132	1,77296	-0,779893	0,435454	1	no
AN8698	ChrIII_A_nidulans_FGSC_A4:3082272-3083367	WT_5hasex	WT_veg	OK	156,914	152,28	-0,0432417	0,0891712	0,928946	0,973125	no
AN8701	ChrIII_A_nidulans_FGSC_A4:3069528-3073917	WT_5hasex	WT_veg	OK	6,66826	6,5877	-0,0175366	0,0326949	0,973918	0,990798	no
AN8702	ChrIII_A_nidulans_FGSC_A4:3067883-3068997	WT_5hasex	WT_veg	OK	164,826	334,359	1,02045	-2,06394	0,0390234	0,148138	no
AN8703	ChrIII_A_nidulans_FGSC_A4:3066194-3067478	WT_5hasex	WT_veg	NOTEST	0,554717	1,64363	1,56706	-1,25738	0,208615	1	no
AN8704	ChrIII_A_nidulans_FGSC_A4:3064716-3065662	WT_5hasex	WT_veg	OK	1079,8	1395,68	0,370212	-0,683052	0,494574	0,74576	no
AN8705	ChrIII_A_nidulans_FGSC_A4:3062968-3063945	WT_5hasex	WT_veg	OK	3856,42	8018,45	1,05606	-1,50283	0,132883	0,350447	no
AN8707	ChrIII_A_nidulans_FGSC_A4:3059236-3061362	WT_5hasex	WT_veg	OK	127,66	272,377	1,0933	-2,22099	0,0263519	0,109847	no
AN8708	ChrIII_A_nidulans_FGSC_A4:3057293-3058285	WT_5hasex	WT_veg	OK	2,34773	9,93561	2,08134	-2,21039	0,027078	0,112047	no
AN8709	ChrIII_A_nidulans_FGSC_A4:3055252-3056952	WT_5hasex	WT_veg	OK	42,4169	83,617	0,979155	-1,92669	0,0540187	0,187423	no
AN8710	ChrIII_A_nidulans_FGSC_A4:3053330-3054842	WT_5hasex	WT_veg	OK	34,9909	63,0851	0,850321	-1,69825	0,0894615	0,26804	no
AN8711	ChrIII_A_nidulans_FGSC_A4:3052229-3053130	WT_5hasex	WT_veg	OK	26,7567	59,0946	1,14313	-2,0909	0,0365375	0,141052	no
AN8712	ChrIII_A_nidulans_FGSC_A4:3050787-3052034	WT_5hasex	WT_veg	OK	1001,17	1639,89	0,711912	-1,21924	0,222752	0,484588	no
AN8713	ChrIII_A_nidulans_FGSC_A4:3047459-3050758	WT_5hasex	WT_veg	OK	30,1226	102,29	1,76374	-3,66696	0,00024545	0,00237658	yes
AN8714	ChrIII_A_nidulans_FGSC_A4:3046834-3047230	WT_5hasex	WT_veg	OK	390,399	2486,64	2,67117	-5,52424	3,3092E-08	8,5548E-07	yes
AN8716	ChrIII_A_nidulans_FGSC_A4:3039882-3041130	WT_5hasex	WT_veg	OK	14,2559	23,1668	0,700495	-1,19103	0,233642	0,498706	no
AN8717	ChrIII_A_nidulans_FGSC_A4:3034224-3035799	WT_5hasex	WT_veg	OK	37,3124	72,6644	0,961592	-1,93362	0,0531598	0,18528	no
AN8718	ChrIII_A_nidulans_FGSC_A4:3028358-3031194	WT_5hasex	WT_veg	OK	76,4191	253,591	1,7305	-3,50113	0,0004633	0,00408165	yes
AN8719	ChrIII_A_nidulans_FGSC_A4:3027149-3027590	WT_5hasex	WT_veg	OK	27,0283	49,9201	0,885148	-1,42684	0,153625	0,385084	no
AN8720	ChrIII_A_nidulans_FGSC_A4:3026055-3027077	WT_5hasex	WT_veg	OK	129,72	442,366	1,76984	-3,50569	0,00045543	0,00402245	yes
AN8721	ChrIII_A_nidulans_FGSC_A4:3023756-3025739	WT_5hasex	WT_veg	OK	10,3411	15,2722	0,562512	-0,977454	0,328344	0,604649	no
AN8722	ChrIII_A_nidulans_FGSC_A4:3020761-3023157	WT_5hasex	WT_veg	OK	164,638	330,848	1,00687	-2,02994	0,0423626	0,157316	no
AN8723	ChrIII_A_nidulans_FGSC_A4:3017667-3018936	WT_5hasex	WT_veg	OK	11,4965	17,2879	0,588569	-0,957459	0,338336	0,614284	no
AN8724	ChrIII_A_nidulans_FGSC_A4:3015851-3016694	WT_5hasex	WT_veg	OK	13,5788	29,1212	1,10072	-1,80532	0,071025	0,227817	no
AN8725	ChrIII_A_nidulans_FGSC_A4:3014579-3015114	WT_5hasex	WT_veg	NOTEST	0	0,644338	1.79769e+308	1.79769e+308	0,309884	1	no
AN8726	ChrIII_A_nidulans_FGSC_A4:3010913-3012676	WT_5hasex	WT_veg	OK	16,6356	34,6692	1,05938	-1,85855	0,0630916	0,209301	no
AN8727	ChrIII_A_nidulans_FGSC_A4:3008700-3010248	WT_5hasex	WT_veg	OK	49,5962	93,9021	0,920927	-1,77032	0,0766738	0,240576	no
AN8728	ChrIII_A_nidulans_FGSC_A4:3006609-3007477	WT_5hasex	WT_veg	NOTEST	1,76101	2,10527	0,257601	-0,230496	0,817706	1	no
AN8729	ChrIII_A_nidulans_FGSC_A4:3004351-3005092	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8730	ChrIII_A_nidulans_FGSC_A4:3002423-3003536	WT_5hasex	WT_veg	OK	4,4547	6,82382	0,61525	-0,824459	0,409679	0,679684	no
AN8732	ChrIII_A_nidulans_FGSC_A4:2995200-2996875	WT_5hasex	WT_veg	NOTEST	0,5507	0,952314	0,790171	-0,614908	0,538615	1	no
AN8733	ChrIII_A_nidulans_FGSC_A4:2993414-2994535	WT_5hasex	WT_veg	OK	1,43304	35,0303	4,61146	-5,69059	1,266E-08	3,584E-07	yes
AN8734	ChrIII_A_nidulans_FGSC_A4:2992447-2992911	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8735	ChrIII_A_nidulans_FGSC_A4:2990349-2991886	WT_5hasex	WT_veg	NOTEST	1,63812	1,20416	-0,444012	0,395214	0,692685	1	no
AN8736	ChrIII_A_nidulans_FGSC_A4:2988016-2988619	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8738	ChrIII_A_nidulans_FGSC_A4:2970441-2971886	WT_5hasex	WT_veg	OK	6,28414	3,39671	-0,887577	0,957908	0,338109	0,614088	no
AN8739	ChrIII_A_nidulans_FGSC_A4:2968064-2969112	WT_5hasex	WT_veg	OK	30,1912	11,8161	-1,35337	2,38885	0,0169014	0,07844	no
AN8740	ChrIII_A_nidulans_FGSC_A4:2959806-2960290	WT_5hasex	WT_veg	OK	2,52375	2,25521	-0,162304	0,106393	0,91527	0,9676	no
AN8741	ChrIII_A_nidulans_FGSC_A4:2957664-2958685	WT_5hasex	WT_veg	OK	10,7283	45,1803	2,07428	-3,34485	0,00082328	0,00665454	yes
AN8742	ChrIII_A_nidulans_FGSC_A4:2952850-2956968	WT_5hasex	WT_veg	OK	19,8645	29,517	0,571356	-1,17597	0,239608	0,505471	no
AN8743	ChrIII_A_nidulans_FGSC_A4:2948047-2951759	WT_5hasex	WT_veg	OK	22,052	55,4404	1,33002	-2,66514	0,00769574	0,0422584	yes
AN8744	ChrIII_A_nidulans_FGSC_A4:2946194-2947605	WT_5hasex	WT_veg	OK	65,1311	56,8787	-0,195457	0,397856	0,690736	0,864072	no
AN8746	ChrIII_A_nidulans_FGSC_A4:2936232-2937530	WT_5hasex	WT_veg	OK	255,543	485,493	0,925881	-1,7935	0,0728933	0,231893	no
AN8748	ChrIII_A_nidulans_FGSC_A4:2933353-2935494	WT_5hasex	WT_veg	OK	63,7294	82,0884	0,36522	-0,711267	0,476919	0,732824	no
AN8749	ChrIII_A_nidulans_FGSC_A4:2931747-2933185	WT_5hasex	WT_veg	OK	7,38767	20,7322	1,48868	-2,34271	0,0191442	0,0860806	no
AN8750	ChrIII_A_nidulans_FGSC_A4:2930469-2931066	WT_5hasex	WT_veg	OK	341,09	858,842	1,33224	-2,67877	0,00738922	0,0408837	yes

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AN8752	ChrIII_A_nidulans_FGSC_A4:2926118-2926795	WT_5hasex	WT_veg	OK	30,9618	105,263	1,76543	-2,78555	0,00534371	0,0313539	yes
AN8753	ChrIII_A_nidulans_FGSC_A4:2921832-2924410	WT_5hasex	WT_veg	OK	31,6001	38,8891	0,299438	-0,526659	0,59843	0,812261	no
AN8754	ChrIII_A_nidulans_FGSC_A4:2916535-2919503	WT_5hasex	WT_veg	OK	120,331	47,3509	-1,34554	2,50104	0,012383	0,0616704	no
AN8756	ChrIII_A_nidulans_FGSC_A4:2908527-2910821	WT_5hasex	WT_veg	OK	16,7102	35,2992	1,07891	-2,00602	0,0448544	0,164207	no
AN8757	ChrIII_A_nidulans_FGSC_A4:2903928-2906143	WT_5hasex	WT_veg	OK	1,42924	4,04272	1,50007	-1,87387	0,0609487	0,204484	no
AN8759	ChrIII_A_nidulans_FGSC_A4:2899495-2900563	WT_5hasex	WT_veg	NOTEST	0	0,999734	1.79769e+308	1.79769e+308	0,123323	1	no
AN8760	ChrIII_A_nidulans_FGSC_A4:2896631-2898513	WT_5hasex	WT_veg	NOTEST	0,279186	0,62323	1,15854	-0,745409	0,456025	1	no
AN8762	ChrIII_A_nidulans_FGSC_A4:2893219-2894055	WT_5hasex	WT_veg	OK	162,424	201,967	0,314357	-0,649644	0,515922	0,760275	no
AN8763	ChrIII_A_nidulans_FGSC_A4:2892455-2892923	WT_5hasex	WT_veg	OK	117,269	150,898	0,363749	-0,667783	0,504272	0,752518	no
AN8764	ChrIII_A_nidulans_FGSC_A4:2891047-2892365	WT_5hasex	WT_veg	OK	46,1137	63,0442	0,451168	-0,843007	0,399225	0,671595	no
AN8765	ChrIII_A_nidulans_FGSC_A4:2887690-2890499	WT_5hasex	WT_veg	OK	16,7967	36,5456	1,12152	-2,25094	0,0243896	0,10342	no
AN8766	ChrIII_A_nidulans_FGSC_A4:2884861-2885650	WT_5hasex	WT_veg	OK	85,1598	155,037	0,864371	-1,73522	0,0827011	0,253729	no
AN8767	ChrIII_A_nidulans_FGSC_A4:2882061-2884629	WT_5hasex	WT_veg	OK	22,8314	16,6114	-0,458846	0,843574	0,398907	0,671341	no
AN8768	ChrIII_A_nidulans_FGSC_A4:2879442-2881082	WT_5hasex	WT_veg	OK	20,2295	30,5716	0,595727	-1,089	0,276153	0,549246	no
AN8770	ChrIII_A_nidulans_FGSC_A4:2873118-2876168	WT_5hasex	WT_veg	OK	73,0461	222,958	1,60989	-3,24335	0,00118135	0,00901352	yes
AN8772	ChrIII_A_nidulans_FGSC_A4:2858385-2859557	WT_5hasex	WT_veg	OK	23,7502	100,915	2,08713	-3,73347	0,00018886	0,00189732	yes
AN8774	ChrIII_A_nidulans_FGSC_A4:2849632-2851295	WT_5hasex	WT_veg	OK	9,16079	56,6332	2,6281	-4,30934	1,6374E-05	0,0002245	yes
AN8775	ChrIII_A_nidulans_FGSC_A4:2845899-2847509	WT_5hasex	WT_veg	NOTEST	0,136725	0,637464	2,22106	-1,14626	0,251686	1	no
AN8776	ChrIII_A_nidulans_FGSC_A4:2843425-2844904	WT_5hasex	WT_veg	OK	2,67968	2,7295	0,0265755	-0,0323351	0,974205	0,990912	no
AN8778	ChrIII_A_nidulans_FGSC_A4:2835491-2837392	WT_5hasex	WT_veg	OK	3,72597	8,7282	1,22807	-1,79039	0,0733918	0,233022	no
AN8779	ChrIII_A_nidulans_FGSC_A4:2828679-2833021	WT_5hasex	WT_veg	OK	0,189746	6,34872	5,06433	-6,06525	1,3175E-09	4,5301E-08	yes
AN8780	ChrIII_A_nidulans_FGSC_A4:2825329-2826885	WT_5hasex	WT_veg	OK	18,4281	19,3179	0,0680359	-0,124209	0,901149	0,96199	no
AN8781	ChrIII_A_nidulans_FGSC_A4:2822837-2823771	WT_5hasex	WT_veg	OK	917,638	5322,37	2,53607	-3,31169	0,00092734	0,00737867	yes
AN8782	ChrIII_A_nidulans_FGSC_A4:2819698-2820945	WT_5hasex	WT_veg	OK	86,1809	144,114	0,741768	-1,40917	0,158785	0,393691	no
AN8784	ChrIII_A_nidulans_FGSC_A4:2812178-2812940	WT_5hasex	WT_veg	OK	22,4575	23,1732	0,0452599	-0,0757381	0,939627	0,977262	no
AN8785	ChrIII_A_nidulans_FGSC_A4:2809000-2811384	WT_5hasex	WT_veg	OK	42,3268	148,501	1,81083	-3,78303	0,00015493	0,00159848	yes
AN8786	ChrIII_A_nidulans_FGSC_A4:2806644-2808430	WT_5hasex	WT_veg	OK	10,8064	34,7098	1,68345	-2,81795	0,00483312	0,0289446	yes
AN8787	ChrIII_A_nidulans_FGSC_A4:2802223-2805732	WT_5hasex	WT_veg	OK	23,9819	61,0945	1,3491	-2,8106	0,00494492	0,0294993	yes
AN8788	ChrIII_A_nidulans_FGSC_A4:2798147-2801460	WT_5hasex	WT_veg	OK	9,05	16,4605	0,863015	-1,45032	0,14697	0,374277	no
AN8789	ChrIII_A_nidulans_FGSC_A4:2798147-2801460	WT_5hasex	WT_veg	OK	3,08525	3,9113	0,342261	-0,443153	0,657655	0,845678	no
AN8790	ChrIII_A_nidulans_FGSC_A4:2795838-2797854	WT_5hasex	WT_veg	OK	31,0778	70,3538	1,17874	-2,392	0,0167569	0,0779225	no
AN8791	ChrIII_A_nidulans_FGSC_A4:2793465-2794997	WT_5hasex	WT_veg	OK	100,777	226,271	1,16688	-2,42902	0,0151397	0,0720113	no
AN8792	ChrIII_A_nidulans_FGSC_A4:2791902-2792462	WT_5hasex	WT_veg	OK	9,03558	13,1758	0,544205	-0,724852	0,468543	0,726872	no
AN8794	ChrIII_A_nidulans_FGSC_A4:2785064-2785975	WT_5hasex	WT_veg	OK	50,3434	149,244	1,5678	-3,05493	0,0022511	0,0154179	yes
AN8795	ChrIII_A_nidulans_FGSC_A4:2782085-2784241	WT_5hasex	WT_veg	OK	65,1017	92,9584	0,513891	-1,06612	0,286371	0,560672	no
AN8796	ChrIII_A_nidulans_FGSC_A4:2780113-2781354	WT_5hasex	WT_veg	OK	65,9312	79,5446	0,270803	-0,55891	0,576223	0,798745	no
AN8797	ChrIII_A_nidulans_FGSC_A4:2777551-2779472	WT_5hasex	WT_veg	OK	81,9433	61,1318	-0,422702	0,872365	0,383009	0,656793	no
AN8798	ChrIII_A_nidulans_FGSC_A4:2772356-2775066	WT_5hasex	WT_veg	OK	19,9729	21,0042	0,0726351	-0,146012	0,883912	0,955952	no
AN8799	ChrIII_A_nidulans_FGSC_A4:2770452-2772054	WT_5hasex	WT_veg	OK	8,08099	38,895	2,26698	-3,70739	0,00020941	0,00207334	yes
AN8801	ChrIII_A_nidulans_FGSC_A4:2765802-2767188	WT_5hasex	WT_veg	OK	54,5579	40,9502	-0,413917	0,846705	0,39716	0,670192	no
AN8802	ChrIII_A_nidulans_FGSC_A4:2763522-2764796	WT_5hasex	WT_veg	OK	7,38481	0	-1.79769e+308	-1.79769e+308	0,0057383	0,0332962	yes
AN8804	ChrIII_A_nidulans_FGSC_A4:2758048-2758894	WT_5hasex	WT_veg	OK	33,2663	105,938	1,67109	-3,15288	0,00161668	0,0116972	yes
AN8805	ChrIII_A_nidulans_FGSC_A4:2756174-2756919	WT_5hasex	WT_veg	OK	38,0047	181,686	2,2572	-4,1256	3,6978E-05	0,0004606	yes
AN8806	ChrIII_A_nidulans_FGSC_A4:2754171-2756018	WT_5hasex	WT_veg	OK	35,2004	59,0098	0,745363	-1,47487	0,140248	0,362875	no
AN8807	ChrIII_A_nidulans_FGSC_A4:2752105-2753730	WT_5hasex	WT_veg	OK	23,1898	54,4278	1,23086	-2,39712	0,0165246	0,0770654	no
AN8808	ChrIII_A_nidulans_FGSC_A4:2750593-2751824	WT_5hasex	WT_veg	OK	23,1229	43,0484	0,896637	-1,62679	0,103781	0,297388	no
AN8809	ChrIII_A_nidulans_FGSC_A4:2747121-2750173	WT_5hasex	WT_veg	OK	19,5322	33,0385	0,75829	-1,51664	0,129357	0,344131	no
AN8810	ChrIII_A_nidulans_FGSC_A4:2743442-2745413	WT_5hasex	WT_veg	OK	70,4029	59,1199	-0,251992	0,504522	0,613895	0,821358	no
AN8811	ChrIII_A_nidulans_FGSC_A4:2741974-2743208	WT_5hasex	WT_veg	OK	86,6518	190,042	1,13301	-2,31323	0,0207098	0,0915732	no
AN8812	ChrIII_A_nidulans_FGSC_A4:2734962-2740767	WT_5hasex	WT_veg	OK	5,70783	18,8554	1,72396	-3,10213	0,00192134	0,0134926	yes
AN8813	ChrIII_A_nidulans_FGSC_A4:2726827-2731363	WT_5hasex	WT_veg	OK	8,98511	20,4885	1,18921	-2,25742	0,0239819	0,102179	no
AN8814	ChrIII_A_nidulans_FGSC_A4:2723472-2725952	WT_5hasex	WT_veg	OK	2,1311	3,7873	0,829568	-0,967474	0,333307	0,609739	no
AN8815	ChrIII_A_nidulans_FGSC_A4:2719284-2720992	WT_5hasex	WT_veg	OK	1460,08	3194,74	1,12965	-1,68831	0,0913509	0,271601	no

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AN8816	ChrIII_A_nidulans_FGSC_A4:2717198-2719238	WT_5hasex	WT_veg	OK	11,5045	17,7514	0,62573	-1,01111	0,311962	0,588302	no
AN8817	ChrIII_A_nidulans_FGSC_A4:2711253-2712833	WT_5hasex	WT_veg	OK	46,0778	88,9728	0,949291	-1,89938	0,0575144	0,195978	no
AN8818	ChrIII_A_nidulans_FGSC_A4:2710283-2710894	WT_5hasex	WT_veg	OK	11,2564	18,2294	0,695528	-0,971589	0,331255	0,607627	no
AN8819	ChrIII_A_nidulans_FGSC_A4:2707980-2709094	WT_5hasex	WT_veg	OK	22,725	95,1987	2,06666	-3,71463	0,0002035	0,00202429	yes
AN8821	ChrIII_A_nidulans_FGSC_A4:2694474-2696632	WT_5hasex	WT_veg	OK	31,9482	28,8291	-0,148212	0,300769	0,763591	0,902531	no
AN8822	ChrIII_A_nidulans_FGSC_A4:2693641-2694418	WT_5hasex	WT_veg	OK	25,9703	59,1289	1,187	-2,08928	0,0366829	0,141478	no
AN8823	ChrIII_A_nidulans_FGSC_A4:2687836-2690548	WT_5hasex	WT_veg	OK	8,81247	19,3578	1,1353	-2,08546	0,037028	0,14246	no
AN8824	ChrIII_A_nidulans_FGSC_A4:2686276-2687440	WT_5hasex	WT_veg	OK	144,638	301,376	1,05912	-2,0042	0,0450485	0,164699	no
AN8825	ChrIII_A_nidulans_FGSC_A4:2682030-2685197	WT_5hasex	WT_veg	OK	3,61888	19,5907	2,43655	-4,02291	5,7485E-05	0,00067616	yes
AN8826	ChrIII_A_nidulans_FGSC_A4:2675974-2677184	WT_5hasex	WT_veg	OK	12,4064	22,346	0,848931	-1,30312	0,192535	0,444052	no
AN8828	ChrIII_A_nidulans_FGSC_A4:2670628-2671337	WT_5hasex	WT_veg	OK	39,9866	46,6214	0,221475	-0,385387	0,699951	0,86929	no
AN8829	ChrIII_A_nidulans_FGSC_A4:2669664-2670496	WT_5hasex	WT_veg	OK	29,2339	36,4185	0,317028	-0,566716	0,570907	0,795614	no
AN8833	ChrIII_A_nidulans_FGSC_A4:2653189-2654516	WT_5hasex	WT_veg	OK	28,9726	14,7347	-0,975471	1,84492	0,0650488	0,214019	no
AN8834	ChrIII_A_nidulans_FGSC_A4:2651751-2653059	WT_5hasex	WT_veg	OK	12,3841	138,127	3,47943	-5,88598	3,957E-09	1,2439E-07	yes
AN8836	ChrIII_A_nidulans_FGSC_A4:2643492-2646118	WT_5hasex	WT_veg	OK	33,5946	52,5737	0,646115	-1,33804	0,180884	0,427487	no
AN8837	ChrIII_A_nidulans_FGSC_A4:2640020-2641829	WT_5hasex	WT_veg	OK	103,025	106,119	0,0426851	-0,0852336	0,932076	0,974233	no
AN8839	ChrIII_A_nidulans_FGSC_A4:2626829-2629320	WT_5hasex	WT_veg	OK	26,2239	58,171	1,14942	-2,31396	0,0206697	0,0914344	no
AN8840	ChrIII_A_nidulans_FGSC_A4:2624867-2626250	WT_5hasex	WT_veg	OK	0,785442	9,96736	3,66564	-2,95083	0,00316922	0,0204574	yes
AN8841	ChrIII_A_nidulans_FGSC_A4:2622646-2624038	WT_5hasex	WT_veg	OK	15,9629	19,3623	0,278528	-0,504228	0,614101	0,821464	no
AN8843	ChrIII_A_nidulans_FGSC_A4:2614971-2616329	WT_5hasex	WT_veg	OK	52,4819	56,0474	0,0948277	-0,187772	0,851055	0,941399	no
AN8844	ChrIII_A_nidulans_FGSC_A4:2613194-2613734	WT_5hasex	WT_veg	OK	246,586	630,67	1,35479	-2,80248	0,00507113	0,0300812	yes
AN8845	ChrIII_A_nidulans_FGSC_A4:2610668-2612373	WT_5hasex	WT_veg	OK	84,0248	108,558	0,369581	-0,76741	0,442838	0,706615	no
AN8846	ChrIII_A_nidulans_FGSC_A4:2607551-2609682	WT_5hasex	WT_veg	OK	52,6814	107,184	1,02473	-2,12799	0,0333377	0,131658	no
AN8849	ChrIII_A_nidulans_FGSC_A4:2601914-2603485	WT_5hasex	WT_veg	OK	9,67898	23,8819	1,30299	-2,16801	0,0301581	0,12179	no
AN8850	ChrIII_A_nidulans_FGSC_A4:2600408-2601799	WT_5hasex	WT_veg	OK	101,555	153,969	0,60038	-1,24038	0,214834	0,474469	no
AN8854	ChrIII_A_nidulans_FGSC_A4:2587743-2589645	WT_5hasex	WT_veg	OK	28,5746	37,5159	0,39277	-0,741587	0,458338	0,718773	no
AN8855	ChrIII_A_nidulans_FGSC_A4:2586846-2587742	WT_5hasex	WT_veg	OK	16,5666	101,004	2,60806	-4,45073	8,558E-06	0,00012523	yes
AN8856	ChrIII_A_nidulans_FGSC_A4:2585563-2586620	WT_5hasex	WT_veg	OK	1392,26	2138,53	0,619193	-1,0875	0,276815	0,55002	no
AN8857	ChrIII_A_nidulans_FGSC_A4:2584004-2584693	WT_5hasex	WT_veg	OK	57,7835	129,463	1,16381	-2,21141	0,0270075	0,111833	no
AN8859	ChrIII_A_nidulans_FGSC_A4:2577796-2579487	WT_5hasex	WT_veg	OK	25,9411	66,2525	1,35274	-2,57325	0,0100749	0,0524117	no
AN8860	ChrIII_A_nidulans_FGSC_A4:2573594-2575297	WT_5hasex	WT_veg	OK	51,0716	138,395	1,43819	-2,67082	0,00756653	0,0417238	yes
AN8861	ChrIII_A_nidulans_FGSC_A4:2573594-2575297	WT_5hasex	WT_veg	OK	61,688	127,618	1,04877	-2,06363	0,0390532	0,148219	no
AN8862	ChrIII_A_nidulans_FGSC_A4:2568236-2573236	WT_5hasex	WT_veg	OK	55,6475	95,6363	0,781242	-1,54738	0,121772	0,330918	no
AN8863	ChrIII_A_nidulans_FGSC_A4:2565633-2567644	WT_5hasex	WT_veg	OK	409,038	1824,48	2,15718	-3,7911	0,00014998	0,00155444	yes
AN8864	ChrIII_A_nidulans_FGSC_A4:2559401-2564764	WT_5hasex	WT_veg	OK	36,9914	77,6923	1,07058	-2,15449	0,0312016	0,125126	no
AN8866	ChrIII_A_nidulans_FGSC_A4:2554687-2556901	WT_5hasex	WT_veg	OK	228,649	562,553	1,29885	-2,31609	0,0205536	0,0910747	no
AN8867	ChrIII_A_nidulans_FGSC_A4:2551954-2554110	WT_5hasex	WT_veg	OK	230,742	347,318	0,589976	-1,14541	0,252041	0,520901	no
AN8869	ChrIII_A_nidulans_FGSC_A4:2545174-2546867	WT_5hasex	WT_veg	OK	147,578	274,689	0,896321	-1,83228	0,0669097	0,218382	no
AN8870	ChrIII_A_nidulans_FGSC_A4:2543024-2544288	WT_5hasex	WT_veg	OK	1951,63	3316,24	0,764867	-1,15988	0,246098	0,513847	no
AN8871	ChrVII_A_nidulans_FGSC_A4:605090-607137	WT_5hasex	WT_veg	OK	11,0449	54,8126	2,31113	-4,23374	2,2983E-05	0,00030147	yes
AN8872	ChrVII_A_nidulans_FGSC_A4:602335-603246	WT_5hasex	WT_veg	OK	40,5207	54,6138	0,430607	-0,834057	0,404249	0,675471	no
AN8874	ChrVII_A_nidulans_FGSC_A4:593499-596360	WT_5hasex	WT_veg	OK	76,8234	192,96	1,32868	-2,69389	0,00706241	0,039379	yes
AN8875	ChrVII_A_nidulans_FGSC_A4:591831-593372	WT_5hasex	WT_veg	OK	15,1	23,934	0,664515	-1,11629	0,264298	0,535349	no
AN8876	ChrVII_A_nidulans_FGSC_A4:589180-591623	WT_5hasex	WT_veg	OK	17,2357	82,4331	2,25783	-4,49234	7,0446E-06	0,00010544	yes
AN8877	ChrVII_A_nidulans_FGSC_A4:586652-588788	WT_5hasex	WT_veg	OK	32,0008	24,8861	-0,362765	0,732637	0,46378	0,72306	no
AN8878	ChrVII_A_nidulans_FGSC_A4:584051-585393	WT_5hasex	WT_veg	OK	68,5708	139,551	1,02513	-2,1237	0,0336954	0,13279	no
AN8879	ChrVII_A_nidulans_FGSC_A4:580632-583516	WT_5hasex	WT_veg	OK	27,261	46,6099	0,773798	-1,58265	0,1135	0,315702	no
AN8882	ChrVII_A_nidulans_FGSC_A4:568281-569326	WT_5hasex	WT_veg	OK	14,4486	20,3117	0,491377	-0,816455	0,41424	0,68341	no
AN8883	ChrVII_A_nidulans_FGSC_A4:567219-568150	WT_5hasex	WT_veg	OK	136,761	168,584	0,301812	-0,623129	0,5332	0,771957	no
AN8885	ChrVII_A_nidulans_FGSC_A4:556063-559081	WT_5hasex	WT_veg	OK	5,24094	3,95414	-0,40646	0,657761	0,510692	0,756524	no
AN8886	ChrVII_A_nidulans_FGSC_A4:551919-554812	WT_5hasex	WT_veg	OK	27,1001	19,658	-0,463176	0,949847	0,34219	0,61775	no
AN8888	ChrVII_A_nidulans_FGSC_A4:548177-548707	WT_5hasex	WT_veg	OK	29,0445	118,137	2,02412	-3,46294	0,00053432	0,00460362	yes
AN8889	ChrVII_A_nidulans_FGSC_A4:546306-548062	WT_5hasex	WT_veg	OK	4,07411	6,57733	0,691018	-0,96699	0,333549	0,609904	no

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AN8890	ChrVII_A_nidulans_FGSC_A4:542215-543510	WT_5hasex	WT_veg	OK	16,9477	1,49167	-3,50609	3,69242	0,00022213	0,00218068	yes
AN8892	ChrVII_A_nidulans_FGSC_A4:533261-537973	WT_5hasex	WT_veg	OK	11,7261	31,3125	1,41701	-2,82039	0,00479658	0,0287784	yes
AN8893	ChrVII_A_nidulans_FGSC_A4:531151-532862	WT_5hasex	WT_veg	OK	5,40203	4,98272	-0,116567	0,13335	0,893917	0,959453	no
AN8894	ChrVII_A_nidulans_FGSC_A4:528278-530658	WT_5hasex	WT_veg	OK	17,2759	6,28894	-1,45787	2,73924	0,00615819	0,0352742	yes
AN8896	ChrVII_A_nidulans_FGSC_A4:522449-523594	WT_5hasex	WT_veg	OK	19,1534	5,0844	-1,91345	2,89514	0,00378993	0,0237588	yes
AN8897	ChrVII_A_nidulans_FGSC_A4:521015-522186	WT_5hasex	WT_veg	OK	4,17737	2,29291	-0,865418	0,946753	0,343765	0,619107	no
AN8898	ChrVII_A_nidulans_FGSC_A4:519095-520556	WT_5hasex	WT_veg	OK	8,24214	5,25976	-0,648021	0,975908	0,32911	0,605613	no
AN8899	ChrVII_A_nidulans_FGSC_A4:517706-518858	WT_5hasex	WT_veg	OK	4,80765	6,29308	0,388435	-0,527579	0,597792	0,811893	no
AN8900	ChrVII_A_nidulans_FGSC_A4:515476-517157	WT_5hasex	WT_veg	OK	2,0568	0,849395	-1,27589	1,20638	0,227672	0,490703	no
AN8901	ChrVII_A_nidulans_FGSC_A4:513571-515149	WT_5hasex	WT_veg	OK	2,10465	0,825298	-1,35059	1,17595	0,239614	0,505471	no
AN8902	ChrVII_A_nidulans_FGSC_A4:510902-513256	WT_5hasex	WT_veg	OK	3,20917	4,70179	0,551008	-0,810994	0,417369	0,686256	no
AN8903	ChrVII_A_nidulans_FGSC_A4:508260-510475	WT_5hasex	WT_veg	OK	177,59	194,868	0,133947	-0,195466	0,845028	0,938831	no
AN8906	ChrVII_A_nidulans_FGSC_A4:497691-498525	WT_5hasex	WT_veg	OK	45,8467	25,2283	-0,861776	1,64504	0,099961	0,289246	no
AN8907	ChrVII_A_nidulans_FGSC_A4:495991-497066	WT_5hasex	WT_veg	OK	1407,24	799,97	-0,814849	1,344	0,178949	0,424558	no
AN8908	ChrVII_A_nidulans_FGSC_A4:491879-492728	WT_5hasex	WT_veg	OK	2,78032	1,98413	-0,486749	0,443632	0,657308	0,84559	no
AN8909	ChrVII_A_nidulans_FGSC_A4:489392-490520	WT_5hasex	WT_veg	NOTEST	0	0,768112	1.79769e+308	1.79769e+308	0,123323	1	no
AN8910	ChrVII_A_nidulans_FGSC_A4:481319-489055	WT_5hasex	WT_veg	OK	5,96852	19,983	1,74333	-3,55629	0,00037612	0,00340833	yes
AN8911	ChrVII_A_nidulans_FGSC_A4:475051-476707	WT_5hasex	WT_veg	NOTEST	0,489703	0,552953	0,17525	-0,113689	0,909484	1	no
AN8912	ChrVII_A_nidulans_FGSC_A4:472132-473780	WT_5hasex	WT_veg	NOTEST	0,533268	0	-1.79769e+308	-1.79769e+308	0,081629	1	no
AN8913	ChrVII_A_nidulans_FGSC_A4:471031-471699	WT_5hasex	WT_veg	NOTEST	0,96417	2,94419	1,61051	-1,29006	0,197029	1	no
AN8914	ChrVII_A_nidulans_FGSC_A4:467392-469493	WT_5hasex	WT_veg	OK	1,12362	6,80787	2,59905	-3,03222	0,00242762	0,016406	yes
AN8915	ChrVII_A_nidulans_FGSC_A4:462996-465066	WT_5hasex	WT_veg	OK	160,018	324,294	1,01907	-1,56798	0,116886	0,321831	no
AN8916	ChrVII_A_nidulans_FGSC_A4:444647-446898	WT_5hasex	WT_veg	NOTEST	0,107726	0,449996	2,06254	-0,867633	0,385595	1	no
AN8917	ChrVII_A_nidulans_FGSC_A4:442581-443667	WT_5hasex	WT_veg	OK	8,65652	22,3329	1,36731	-2,04134	0,0412168	0,154117	no
AN8918	ChrVII_A_nidulans_FGSC_A4:434878-437001	WT_5hasex	WT_veg	OK	4,05192	8,73684	1,10851	-1,51448	0,129903	0,345157	no
AN8920	ChrVII_A_nidulans_FGSC_A4:431235-432767	WT_5hasex	WT_veg	OK	1,0487	4,55011	2,11729	-2,40079	0,0163598	0,0765094	no
AN8921	ChrVII_A_nidulans_FGSC_A4:428316-430553	WT_5hasex	WT_veg	NOTEST	1,61134	0,337028	-2,25732	1,49187	0,135734	1	no
AN8922	ChrVII_A_nidulans_FGSC_A4:426517-427134	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8923	ChrVII_A_nidulans_FGSC_A4:422683-425146	WT_5hasex	WT_veg	NOTEST	0,419558	2,75201	2,71355	-2,63247	0,00847666	1	no
AN8924	ChrVII_A_nidulans_FGSC_A4:420661-422271	WT_5hasex	WT_veg	OK	15,5026	38,7715	1,32249	-2,38482	0,0170874	0,0790933	no
AN8925	ChrVII_A_nidulans_FGSC_A4:418117-418824	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8926	ChrVII_A_nidulans_FGSC_A4:415244-416148	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8927	ChrVII_A_nidulans_FGSC_A4:411877-412945	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8930	ChrVII_A_nidulans_FGSC_A4:395154-397650	WT_5hasex	WT_veg	OK	10,2957	77,5241	2,9126	-5,34654	8,9652E-08	2,1124E-06	yes
AN8931	ChrVII_A_nidulans_FGSC_A4:393525-394854	WT_5hasex	WT_veg	OK	5,91533	17,9464	1,60116	-2,31921	0,0203837	0,0904585	no
AN8932	ChrVII_A_nidulans_FGSC_A4:392046-393305	WT_5hasex	WT_veg	OK	19,3263	52,0266	1,42868	-2,45898	0,0139331	0,0675428	no
AN8933	ChrVII_A_nidulans_FGSC_A4:389980-390985	WT_5hasex	WT_veg	OK	2,31787	4,51043	0,960465	-1,105	0,26916	0,540962	no
AN8934	ChrVII_A_nidulans_FGSC_A4:388128-389427	WT_5hasex	WT_veg	NOTEST	0,570136	0,629702	0,143364	-0,0934301	0,925562	1	no
AN8935	ChrVII_A_nidulans_FGSC_A4:384170-386580	WT_5hasex	WT_veg	NOTEST	0,842819	0,358831	-1,23192	0,846748	0,397136	1	no
AN8936	ChrVII_A_nidulans_FGSC_A4:381492-383223	WT_5hasex	WT_veg	OK	7,79118	19,5098	1,32428	-2,01394	0,0440162	0,161789	no
AN8937	ChrVII_A_nidulans_FGSC_A4:380217-381060	WT_5hasex	WT_veg	OK	4,10027	8,9976	1,13382	-1,46559	0,142761	0,367179	no
AN8938	ChrVII_A_nidulans_FGSC_A4:378148-380171	WT_5hasex	WT_veg	OK	7,91026	18,3713	1,21566	-2,02391	0,0429794	0,158976	no
AN8939	ChrVII_A_nidulans_FGSC_A4:376169-377375	WT_5hasex	WT_veg	OK	3,45146	19,6835	2,5117	-3,50843	0,00045075	0,00398655	yes
AN8940	ChrVII_A_nidulans_FGSC_A4:372550-374659	WT_5hasex	WT_veg	OK	2,84098	2,16572	-0,391539	0,485942	0,627008	0,828439	no
AN8941	ChrVII_A_nidulans_FGSC_A4:367587-370498	WT_5hasex	WT_veg	NOTEST	0,443147	0,679517	0,616725	-0,531318	0,595199	1	no
AN8942	ChrVII_A_nidulans_FGSC_A4:365578-366433	WT_5hasex	WT_veg	OK	38,6523	34,8791	-0,148193	0,276351	0,782279	0,911157	no
AN8943	ChrVII_A_nidulans_FGSC_A4:359936-361503	WT_5hasex	WT_veg	OK	29,0439	34,7485	0,258715	-0,457729	0,647147	0,839983	no
AN8944	ChrVII_A_nidulans_FGSC_A4:356850-358177	WT_5hasex	WT_veg	NOTEST	0,22269	0,203434	-0,130478	0,0368246	0,970625	1	no
AN8945	ChrVII_A_nidulans_FGSC_A4:354206-355824	WT_5hasex	WT_veg	OK	147,633	344,392	1,22204	-2,52099	0,0117026	0,0589653	no
AN8948	ChrVII_A_nidulans_FGSC_A4:342345-343093	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8949	ChrVII_A_nidulans_FGSC_A4:337845-338832	WT_5hasex	WT_veg	NOTEST	0,770751	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN8950	ChrVII_A_nidulans_FGSC_A4:336702-337444	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8951	ChrVII_A_nidulans_FGSC_A4:323395-324724	WT_5hasex	WT_veg	NOTEST	0	0,7704	1.79769e+308	1.79769e+308	0,123323	1	no

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AN8955	ChrVII_A_nidulans_FGSC_A4:306361-308105	WT_5hasex	WT_veg	OK	1,40672	8,72712	2,63317	-2,76198	0,00574526	0,0333256	yes
AN8956	ChrVII_A_nidulans_FGSC_A4:303030-304902	WT_5hasex	WT_veg	OK	0,407641	4,20245	3,36586	-3,80418	0,00014227	0,00148663	yes
AN8957	ChrVII_A_nidulans_FGSC_A4:295095-300158	WT_5hasex	WT_veg	NOTEST	0,276938	0,459705	0,731146	-0,695856	0,486519	1	no
AN8958	ChrVII_A_nidulans_FGSC_A4:293609-294484	WT_5hasex	WT_veg	OK	14,4607	15,2254	0,074346	-0,114026	0,909217	0,965505	no
AN8959	ChrVII_A_nidulans_FGSC_A4:292526-293164	WT_5hasex	WT_veg	OK	176,38	589,261	1,74022	-3,57733	0,00034713	0,00318587	yes
AN8960	ChrVII_A_nidulans_FGSC_A4:290532-291489	WT_5hasex	WT_veg	NOTEST	0,262563	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN8961	ChrVII_A_nidulans_FGSC_A4:285002-287627	WT_5hasex	WT_veg	OK	1,29908	3,91528	1,59163	-2,12763	0,0333678	0,131737	no
AN8962	ChrVII_A_nidulans_FGSC_A4:283390-284080	WT_5hasex	WT_veg	OK	2,89286	26,6153	3,20169	-4,06004	4,9064E-05	0,00058861	yes
AN8963	ChrVII_A_nidulans_FGSC_A4:280566-281047	WT_5hasex	WT_veg	OK	16,9464	50,0531	1,56248	-2,15218	0,0313831	0,125713	no
AN8964	ChrVII_A_nidulans_FGSC_A4:277629-279318	WT_5hasex	WT_veg	OK	9,0794	21,8197	1,26496	-2,10831	0,0350043	0,136551	no
AN8966	ChrVII_A_nidulans_FGSC_A4:269430-271731	WT_5hasex	WT_veg	OK	4,60156	7,28055	0,661926	-0,972213	0,330945	0,607282	no
AN8967	ChrVII_A_nidulans_FGSC_A4:265354-266874	WT_5hasex	WT_veg	OK	33,5819	52,5321	0,645514	-1,2484	0,211884	0,470772	no
AN8968	ChrVII_A_nidulans_FGSC_A4:264168-265260	WT_5hasex	WT_veg	OK	17,8574	53,2905	1,57736	-2,6398	0,00829539	0,0448601	yes
AN8969	ChrVII_A_nidulans_FGSC_A4:263224-264096	WT_5hasex	WT_veg	OK	90,1846	33,4341	-1,43156	2,30665	0,0210742	0,0928085	no
AN8970	ChrVII_A_nidulans_FGSC_A4:261234-262197	WT_5hasex	WT_veg	OK	10,6998	0,213966	-5,64406	1,90394	0,0569181	0,194599	no
AN8971	ChrVII_A_nidulans_FGSC_A4:259310-260843	WT_5hasex	WT_veg	NOTEST	0,945705	2,53707	1,4237	-1,2951	0,195287	1	no
AN8972	ChrVII_A_nidulans_FGSC_A4:252140-254065	WT_5hasex	WT_veg	OK	3,50516	37,1568	3,40608	-5,07766	3,8211E-07	7,7791E-06	yes
AN8973	ChrVII_A_nidulans_FGSC_A4:247575-249573	WT_5hasex	WT_veg	OK	3,51681	6,35291	0,85315	-1,2442	0,213426	0,472594	no
AN8974	ChrVII_A_nidulans_FGSC_A4:245681-246975	WT_5hasex	WT_veg	OK	49,2473	161,854	1,71658	-3,06301	0,00219123	0,0150847	yes
AN8975	ChrVII_A_nidulans_FGSC_A4:243327-244279	WT_5hasex	WT_veg	OK	10,6485	80,4474	2,9174	-4,68029	2,8647E-06	4,7161E-05	yes
AN8976	ChrVII_A_nidulans_FGSC_A4:240293-240999	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8983	ChrVII_A_nidulans_FGSC_A4:222602-224668	WT_5hasex	WT_veg	OK	122,092	947,679	2,95643	-4,37329	1,2239E-05	0,0001719	yes
AN8984	ChrVII_A_nidulans_FGSC_A4:220613-222093	WT_5hasex	WT_veg	OK	1,8023	4,80386	1,41435	-1,5722	0,115903	0,319904	no
AN8985	ChrVII_A_nidulans_FGSC_A4:217280-218962	WT_5hasex	WT_veg	NOTEST	0,150014	0,51962	1,79236	-0,788427	0,430447	1	no
AN8986	ChrVII_A_nidulans_FGSC_A4:215467-216779	WT_5hasex	WT_veg	OK	7,87682	0,653575	-3,59119	2,62303	0,00871525	0,0467304	yes
AN8987	ChrVII_A_nidulans_FGSC_A4:210490-212244	WT_5hasex	WT_veg	NOTEST	0,560729	1,39828	1,31828	-1,05004	0,293701	1	no
AN8988	ChrVII_A_nidulans_FGSC_A4:209201-210298	WT_5hasex	WT_veg	OK	15,161	51,8847	1,77494	-2,99627	0,00273308	0,0180764	yes
AN8989	ChrVII_A_nidulans_FGSC_A4:208083-208649	WT_5hasex	WT_veg	OK	7,84146	6,93291	-0,177661	0,186878	0,851756	0,941769	no
AN8990	ChrVII_A_nidulans_FGSC_A4:205020-207020	WT_5hasex	WT_veg	OK	182,19	319,697	0,811261	-1,63723	0,101582	0,2928	no
AN8991	ChrVII_A_nidulans_FGSC_A4:203562-204378	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN8992	ChrVII_A_nidulans_FGSC_A4:201293-202432	WT_5hasex	WT_veg	NOTEST	0,485424	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
AN8994	ChrVII_A_nidulans_FGSC_A4:194446-195387	WT_5hasex	WT_veg	OK	4,08865	11,6844	1,51489	-2,04844	0,040517	0,152232	no
AN8995	ChrVII_A_nidulans_FGSC_A4:192842-193974	WT_5hasex	WT_veg	NOTEST	0,164747	2,29779	3,80192	-2,35502	0,0185219	1	no
AN8996	ChrVII_A_nidulans_FGSC_A4:190604-192377	WT_5hasex	WT_veg	NOTEST	0,331389	1,17485	1,82588	-1,33714	0,181175	1	no
AN8997	ChrVII_A_nidulans_FGSC_A4:188191-189516	WT_5hasex	WT_veg	NOTEST	0	0,362103	1.79769e+308	1.79769e+308	0,160511	1	no
AN8998	ChrVII_A_nidulans_FGSC_A4:185323-186388	WT_5hasex	WT_veg	OK	2,16727	0	-1.79769e+308	-1.79769e+308	0,0525335	0,183662	no
AN8999	ChrVII_A_nidulans_FGSC_A4:180932-184362	WT_5hasex	WT_veg	NOTEST	0,741595	2,4232	1,70821	-2,02543	0,0428233	1	no
AN9000	ChrVII_A_nidulans_FGSC_A4:176149-177858	WT_5hasex	WT_veg	OK	3,81844	6,36015	0,736079	-0,989707	0,322317	0,598493	no
AN9001	ChrVII_A_nidulans_FGSC_A4:174038-175475	WT_5hasex	WT_veg	OK	71,1018	101,434	0,512581	-0,869851	0,384382	0,658202	no
AN9002	ChrVII_A_nidulans_FGSC_A4:168613-169941	WT_5hasex	WT_veg	OK	7,17701	13,4647	0,907723	-1,33363	0,182325	0,429673	no
AN9003	ChrVII_A_nidulans_FGSC_A4:164399-168569	WT_5hasex	WT_veg	OK	4,7985	8,49567	0,824144	-1,45115	0,146738	0,373907	no
AN9004	ChrVII_A_nidulans_FGSC_A4:161719-163663	WT_5hasex	WT_veg	OK	44,6736	6,62868	-2,75263	4,45706	8,3091E-06	0,0001219	yes
AN9005	ChrVII_A_nidulans_FGSC_A4:152385-160547	WT_5hasex	WT_veg	OK	0,496982	4,36502	3,13472	-4,13723	3,5152E-05	0,00044046	yes
AN9006	ChrVII_A_nidulans_FGSC_A4:151065-151647	WT_5hasex	WT_veg	OK	0,467779	20,7339	5,47002	-2,84102	0,00449702	0,0273379	yes
AN9009	ChrVII_A_nidulans_FGSC_A4:140488-141154	WT_5hasex	WT_veg	NOTEST	1,58276	2,83123	0,838987	-0,737203	0,460999	1	no
AN9010	ChrVII_A_nidulans_FGSC_A4:137872-139824	WT_5hasex	WT_veg	NOTEST	1,02121	0	-1.79769e+308	-1.79769e+308	0,0315813	1	no
AN9011	ChrVII_A_nidulans_FGSC_A4:135752-137748	WT_5hasex	WT_veg	NOTEST	0,78506	0,757319	-0,0519	0,0439506	0,964944	1	no
AN9012	ChrVII_A_nidulans_FGSC_A4:133559-134456	WT_5hasex	WT_veg	NOTEST	0	0,934691	1.79769e+308	1.79769e+308	0,123323	1	no
AN9013	ChrVII_A_nidulans_FGSC_A4:131162-133462	WT_5hasex	WT_veg	NOTEST	0,432816	1,3483	1,63932	-1,58352	0,113304	1	no
AN9014	ChrVII_A_nidulans_FGSC_A4:129133-130561	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9015	ChrVII_A_nidulans_FGSC_A4:126350-128554	WT_5hasex	WT_veg	NOTEST	1,79685	2,80638	0,643237	-0,819691	0,412392	1	no
AN9017	ChrVII_A_nidulans_FGSC_A4:120619-122820	WT_5hasex	WT_veg	OK	56,8848	71,2271	0,324383	-0,654926	0,512516	0,757798	no
AN9018	ChrVII_A_nidulans_FGSC_A4:119670-120491	WT_5hasex	WT_veg	OK	70,0266	154,697	1,14347	-2,2851	0,0223067	0,0967084	no

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AN9019	ChrVII_A_nidulans_FGSC_A4:118141-119381	WT_5hasex	WT_veg	OK	4,03176	6,18395	0,617119	-0,750494	0,452957	0,714389	no
AN9020	ChrVII_A_nidulans_FGSC_A4:116116-116443	WT_5hasex	WT_veg	OK	1,42845	8,95146	2,64768	-1,94895	0,0513015	0,18069	no
AN9021	ChrVII_A_nidulans_FGSC_A4:112516-115618	WT_5hasex	WT_veg	OK	9,26494	25,7212	1,47311	-2,78691	0,00532137	0,0312682	yes
AN9022	ChrVII_A_nidulans_FGSC_A4:110676-111329	WT_5hasex	WT_veg	OK	12,3514	69,6583	2,49561	-3,80424	0,00014224	0,00148658	yes
AN9023	ChrVII_A_nidulans_FGSC_A4:108394-110297	WT_5hasex	WT_veg	OK	6,86175	70,7538	3,36616	-5,36185	8,2373E-08	1,9585E-06	yes
AN9024	ChrVII_A_nidulans_FGSC_A4:107205-108194	WT_5hasex	WT_veg	OK	6,71743	34,9355	2,37871	-3,5077	0,000452	0,00399491	yes
AN9025	ChrVII_A_nidulans_FGSC_A4:99385-102813	WT_5hasex	WT_veg	OK	14,4437	20,0026	0,469752	-0,827342	0,408043	0,678243	no
AN9026	ChrVII_A_nidulans_FGSC_A4:96551-99300	WT_5hasex	WT_veg	OK	3,64032	1,54136	-1,23986	1,624	0,104375	0,298371	no
AN9027	ChrVII_A_nidulans_FGSC_A4:94622-95897	WT_5hasex	WT_veg	OK	2,34245	0,648939	-1,85186	1,23642	0,216302	0,476417	no
AN9028	ChrVII_A_nidulans_FGSC_A4:92995-94126	WT_5hasex	WT_veg	OK	0,59392	4,54519	2,936	-2,97209	0,00295783	0,019319	yes
AN9029	ChrVII_A_nidulans_FGSC_A4:90671-92468	WT_5hasex	WT_veg	NOTEST	0,179689	0,105221	-0,772088	0,241736	0,808985	1	no
AN9031	ChrVII_A_nidulans_FGSC_A4:87192-88132	WT_5hasex	WT_veg	OK	12,6287	15,6985	0,313925	-0,44824	0,65398	0,843946	no
AN9032	ChrVII_A_nidulans_FGSC_A4:85840-86941	WT_5hasex	WT_veg	OK	72,0143	59,6271	-0,272317	0,459174	0,646109	0,839402	no
AN9033	ChrVII_A_nidulans_FGSC_A4:80728-82476	WT_5hasex	WT_veg	NOTEST	0,552514	0,14391	-1,94084	0,637869	0,523559	1	no
AN9034	ChrVII_A_nidulans_FGSC_A4:77776-79418	WT_5hasex	WT_veg	OK	0,906326	4,18202	2,2061	-2,3637	0,0180937	0,0824545	no
AN9036	ChrVII_A_nidulans_FGSC_A4:70746-72153	WT_5hasex	WT_veg	NOTEST	1,09443	0,681118	-0,684203	0,461099	0,644728	1	no
AN9037	ChrVII_A_nidulans_FGSC_A4:67512-70705	WT_5hasex	WT_veg	OK	3,04161	16,4328	2,43367	-3,91161	9,1685E-05	0,00101746	yes
AN9038	ChrVII_A_nidulans_FGSC_A4:65983-67407	WT_5hasex	WT_veg	OK	2,08378	9,07533	2,12275	-2,83726	0,0045502	0,0275844	yes
AN9040	ChrVII_A_nidulans_FGSC_A4:58875-59415	WT_5hasex	WT_veg	NOTEST	0,351786	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9041	ChrVII_A_nidulans_FGSC_A4:57703-58591	WT_5hasex	WT_veg	OK	2,54925	0	-1.79769e+308	-1.79769e+308	0,0212355	0,0933566	no
AN9043	ChrVII_A_nidulans_FGSC_A4:52013-54404	WT_5hasex	WT_veg	NOTEST	0,131359	1,56515	3,57471	-1,68468	0,0920503	1	no
AN9044	ChrVII_A_nidulans_FGSC_A4:50771-51568	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9046	ChrVII_A_nidulans_FGSC_A4:46802-48498	WT_5hasex	WT_veg	NOTEST	0,281659	0,185027	-0,606211	0,117364	0,906572	1	no
AN9047	ChrVII_A_nidulans_FGSC_A4:43607-45112	WT_5hasex	WT_veg	OK	17,5939	28,2592	0,683646	-1,23354	0,217373	0,477741	no
AN9048	ChrVII_A_nidulans_FGSC_A4:39032-43017	WT_5hasex	WT_veg	OK	9,99342	21,4265	1,10034	-2,14599	0,031874	0,1272	no
AN9049	ChrVII_A_nidulans_FGSC_A4:37547-38783	WT_5hasex	WT_veg	OK	17,6354	48,4959	1,45939	-2,60312	0,00923793	0,0489218	yes
AN9050	ChrVII_A_nidulans_FGSC_A4:35746-37363	WT_5hasex	WT_veg	NOTEST	0,384376	0	-1.79769e+308	-1.79769e+308	0,0653486	1	no
AN9051	ChrVII_A_nidulans_FGSC_A4:34033-35243	WT_5hasex	WT_veg	OK	2,15666	2,28045	0,0805228	-0,0876034	0,930192	0,973566	no
AN9052	ChrVII_A_nidulans_FGSC_A4:32616-33323	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9053	ChrVII_A_nidulans_FGSC_A4:29724-30510	WT_5hasex	WT_veg	NOTEST	0,305274	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
AN9054	ChrVII_A_nidulans_FGSC_A4:24501-25603	WT_5hasex	WT_veg	NOTEST	0,171718	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9055	ChrVII_A_nidulans_FGSC_A4:20645-21184	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9056	ChrVII_A_nidulans_FGSC_A4:13793-17437	WT_5hasex	WT_veg	NOTEST	0,860911	0	-1.79769e+308	-1.79769e+308	0,0315813	1	no
AN9057	ChrVI_A_nidulans_FGSC_A4:567223-568994	WT_5hasex	WT_veg	OK	74,9907	94,1128	0,327679	-0,678817	0,497254	0,7478	no
AN9059	ChrVI_A_nidulans_FGSC_A4:558732-560309	WT_5hasex	WT_veg	OK	39,0384	72,2029	0,887162	-1,78516	0,0742356	0,234941	no
AN9060	ChrVI_A_nidulans_FGSC_A4:556673-558261	WT_5hasex	WT_veg	OK	28,5139	66,5873	1,22358	-2,42843	0,0151645	0,0721031	no
AN9061	ChrVI_A_nidulans_FGSC_A4:554928-556551	WT_5hasex	WT_veg	OK	44,7328	66,541	0,572912	-1,18119	0,237527	0,502985	no
AN9062	ChrVI_A_nidulans_FGSC_A4:552578-553800	WT_5hasex	WT_veg	OK	125,96	289,311	1,19966	-2,31201	0,020777	0,091793	no
AN9063	ChrVI_A_nidulans_FGSC_A4:547994-552147	WT_5hasex	WT_veg	OK	51,207	101,137	0,981892	-2,00008	0,0454912	0,165866	no
AN9064	ChrVI_A_nidulans_FGSC_A4:546354-547595	WT_5hasex	WT_veg	OK	51,3917	67,788	0,399495	-0,78056	0,435062	0,700596	no
AN9065	ChrVI_A_nidulans_FGSC_A4:544716-546296	WT_5hasex	WT_veg	OK	108,544	240,157	1,1457	-2,35306	0,0186197	0,0842522	no
AN9066	ChrVI_A_nidulans_FGSC_A4:539323-544557	WT_5hasex	WT_veg	OK	75,2818	104,221	0,469278	-0,945727	0,344288	0,169636	no
AN9068	ChrVI_A_nidulans_FGSC_A4:536914-538250	WT_5hasex	WT_veg	OK	112,646	132,317	0,232203	-0,455019	0,649095	0,841033	no
AN9069	ChrVI_A_nidulans_FGSC_A4:533027-534941	WT_5hasex	WT_veg	OK	65,7908	189,334	1,52497	-2,82326	0,00475384	0,0285808	yes
AN9070	ChrVI_A_nidulans_FGSC_A4:526235-527448	WT_5hasex	WT_veg	OK	22,2558	46,7451	1,07064	-1,9991	0,0455974	0,166138	no
AN9071	ChrVI_A_nidulans_FGSC_A4:523236-525641	WT_5hasex	WT_veg	OK	70,1887	168,758	1,26565	-2,60894	0,0090823	0,0482786	yes
AN9072	ChrVI_A_nidulans_FGSC_A4:521432-522734	WT_5hasex	WT_veg	OK	27,1137	59,8184	1,14157	-2,14481	0,031968	0,127478	no
AN9073	ChrVI_A_nidulans_FGSC_A4:520270-520955	WT_5hasex	WT_veg	OK	341,768	509,857	0,577076	-1,15283	0,248978	0,51708	no
AN9074	ChrVI_A_nidulans_FGSC_A4:518618-519361	WT_5hasex	WT_veg	OK	33,2747	257,925	2,95445	-5,34908	8,8404E-08	2,0849E-06	yes
AN9075	ChrVI_A_nidulans_FGSC_A4:515872-517436	WT_5hasex	WT_veg	OK	4,08999	2,21103	-0,887378	0,836023	0,403142	0,674482	no
AN9076	ChrVI_A_nidulans_FGSC_A4:514242-515351	WT_5hasex	WT_veg	OK	14,0802	34,6457	1,29901	-2,12834	0,0333088	0,131553	no
AN9077	ChrVI_A_nidulans_FGSC_A4:502353-507602	WT_5hasex	WT_veg	OK	12,1445	37,1593	1,61342	-3,31997	0,00090029	0,00719597	yes
AN9078	ChrVI_A_nidulans_FGSC_A4:501439-502053	WT_5hasex	WT_veg	OK	177,691	297,895	0,745437	-1,53085	0,125806	0,337749	no

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AN9079	ChrVI_A_nidulans_FGSC_A4:496539-500766	WT_5hasex	WT_veg	OK	20,0404	37,7836	0,914848	-1,83678	0,0662418	0,216809	no
AN9080	ChrVI_A_nidulans_FGSC_A4:495381-496305	WT_5hasex	WT_veg	OK	245,752	333,975	0,442534	-0,915563	0,359896	0,634535	no
AN9081	ChrVI_A_nidulans_FGSC_A4:493547-495341	WT_5hasex	WT_veg	OK	19,5147	30,8237	0,659483	-1,25189	0,210609	0,468981	no
AN9082	ChrVI_A_nidulans_FGSC_A4:491369-493150	WT_5hasex	WT_veg	OK	74,8147	81,3385	0,120616	-0,249669	0,802844	0,920372	no
AN9083	ChrVI_A_nidulans_FGSC_A4:488338-489036	WT_5hasex	WT_veg	OK	189,376	316,371	0,740362	-1,529	0,126264	0,338594	no
AN9085	ChrVI_A_nidulans_FGSC_A4:479760-481134	WT_5hasex	WT_veg	OK	28,8972	39,3383	0,445004	-0,8527	0,393826	0,667031	no
AN9086	ChrVI_A_nidulans_FGSC_A4:478470-479500	WT_5hasex	WT_veg	OK	66,3887	90,3733	0,444958	-0,873808	0,382223	0,656299	no
AN9088	ChrVI_A_nidulans_FGSC_A4:471210-472476	WT_5hasex	WT_veg	NOTEST	0,642373	2,41352	1,90965	-1,44863	0,147441	1	no
AN9089	ChrVI_A_nidulans_FGSC_A4:467909-469903	WT_5hasex	WT_veg	NOTEST	1,23075	2,27411	0,885764	-1,02198	0,306791	1	no
AN9091	ChrVI_A_nidulans_FGSC_A4:459680-460881	WT_5hasex	WT_veg	OK	44,6725	84,0007	0,911013	-1,78286	0,0746089	0,235663	no
AN9093	ChrVI_A_nidulans_FGSC_A4:453842-455877	WT_5hasex	WT_veg	OK	68,423	147,259	1,1058	-2,17083	0,029944	0,121215	no
AN9096	ChrVI_A_nidulans_FGSC_A4:444248-446193	WT_5hasex	WT_veg	OK	2,45438	1,02426	-1,26077	1,31918	0,187109	0,436547	no
AN9097	ChrVI_A_nidulans_FGSC_A4:441463-442585	WT_5hasex	WT_veg	OK	1473,28	2347,26	0,671948	-1,11094	0,266593	0,538261	no
AN9098	ChrVI_A_nidulans_FGSC_A4:439635-441289	WT_5hasex	WT_veg	OK	12,4197	20,5364	0,72555	-1,21787	0,223275	0,485117	no
AN9100	ChrVI_A_nidulans_FGSC_A4:430796-432438	WT_5hasex	WT_veg	OK	64,8003	347,477	2,42284	-5,06325	4,1217E-07	8,3232E-06	yes
AN9101	ChrVI_A_nidulans_FGSC_A4:428519-429699	WT_5hasex	WT_veg	OK	46,5674	58,8008	0,336515	-0,672243	0,501429	0,750714	no
AN9102	ChrVI_A_nidulans_FGSC_A4:427003-428251	WT_5hasex	WT_veg	OK	13,086	74,2132	2,50365	-4,15412	3,2654E-05	0,00041352	yes
AN9104	ChrVI_A_nidulans_FGSC_A4:420474-423529	WT_5hasex	WT_veg	OK	20,5532	26,9355	0,390145	-0,792866	0,427856	0,694547	no
AN9105	ChrVI_A_nidulans_FGSC_A4:417169-419452	WT_5hasex	WT_veg	OK	27,9838	90,1014	1,68696	-3,37949	0,00072622	0,00597976	yes
AN9106	ChrVI_A_nidulans_FGSC_A4:415179-417004	WT_5hasex	WT_veg	OK	11,2656	60,1215	2,41596	-4,06874	4,7269E-05	0,00056982	yes
AN9107	ChrVI_A_nidulans_FGSC_A4:414185-414764	WT_5hasex	WT_veg	OK	233,287	515,141	1,14286	-2,32454	0,0200968	0,0894775	no
AN9108	ChrVI_A_nidulans_FGSC_A4:410625-412337	WT_5hasex	WT_veg	OK	67,2837	10,4364	-2,68863	4,423	9,7339E-06	0,00014063	yes
AN9111	ChrVI_A_nidulans_FGSC_A4:400381-401316	WT_5hasex	WT_veg	OK	19,7814	33,0482	0,740426	-1,26947	0,204273	0,460427	no
AN9113	ChrVI_A_nidulans_FGSC_A4:394697-396670	WT_5hasex	WT_veg	OK	8,26037	9,25783	0,164468	-0,266352	0,789968	0,914382	no
AN9114	ChrVI_A_nidulans_FGSC_A4:392950-394468	WT_5hasex	WT_veg	NOTEST	1,04812	2,04875	0,966938	-0,959594	0,33726	1	no
AN9115	ChrVI_A_nidulans_FGSC_A4:391261-392484	WT_5hasex	WT_veg	NOTEST	1,03853	1,76718	0,766911	-0,627096	0,530596	1	no
AN9116	ChrVI_A_nidulans_FGSC_A4:388956-390625	WT_5hasex	WT_veg	OK	46,8247	49,46	0,0789919	-0,151954	0,879223	0,953972	no
AN9117	ChrVI_A_nidulans_FGSC_A4:386234-388647	WT_5hasex	WT_veg	OK	5,76717	9,11608	0,66055	-1,08999	0,275716	0,548835	no
AN9118	ChrVI_A_nidulans_FGSC_A4:384893-385109	WT_5hasex	WT_veg	OK	124,879	301,34	1,27087	-2,10777	0,0350507	0,13669	no
AN9119	ChrVI_A_nidulans_FGSC_A4:382345-384672	WT_5hasex	WT_veg	OK	24,2305	41,957	0,792086	-1,55684	0,119509	0,326815	no
AN9120	ChrVI_A_nidulans_FGSC_A4:378040-381953	WT_5hasex	WT_veg	OK	50,326	95,0899	0,917989	-1,89305	0,0583515	0,198091	no
AN9122	ChrVI_A_nidulans_FGSC_A4:373845-375018	WT_5hasex	WT_veg	OK	2,48695	10,7723	2,11488	-2,46482	0,0137082	0,0666796	no
AN9123	ChrVI_A_nidulans_FGSC_A4:372394-372874	WT_5hasex	WT_veg	OK	84,4895	274,982	1,70249	-3,15758	0,00159086	0,0115388	yes
AN9124	ChrVI_A_nidulans_FGSC_A4:369756-371860	WT_5hasex	WT_veg	OK	166,601	611,598	1,87619	-3,67283	0,00023988	0,00232906	yes
AN9125	ChrVI_A_nidulans_FGSC_A4:368266-369600	WT_5hasex	WT_veg	OK	15,708	96,9779	2,62616	-4,63412	3,5845E-06	5,7512E-05	yes
AN9126	ChrVI_A_nidulans_FGSC_A4:366844-368053	WT_5hasex	WT_veg	OK	16,9403	36,5231	1,10835	-1,99388	0,0461657	0,167812	no
AN9127	ChrVI_A_nidulans_FGSC_A4:364515-365469	WT_5hasex	WT_veg	OK	1,87465	6,82412	1,86402	-2,11161	0,0347196	0,135886	no
AN9128	ChrVI_A_nidulans_FGSC_A4:362119-363272	WT_5hasex	WT_veg	OK	7,17569	0	-1.79769e+308	-1.79769e+308	0,00943039	0,0497404	yes
AN9129	ChrVI_A_nidulans_FGSC_A4:357610-360977	WT_5hasex	WT_veg	OK	3,79577	0	-1.79769e+308	-1.79769e+308	0,00501028	0,0297861	yes
AN9130	ChrVI_A_nidulans_FGSC_A4:353935-356122	WT_5hasex	WT_veg	OK	9,94359	15,038	0,596774	-1,02113	0,307193	0,583201	no
AN9131	ChrVI_A_nidulans_FGSC_A4:351305-352588	WT_5hasex	WT_veg	OK	23,4006	39,3111	0,748394	-1,26937	0,204308	0,46044	no
AN9132	ChrVI_A_nidulans_FGSC_A4:346396-351088	WT_5hasex	WT_veg	OK	8,29081	19,6498	1,24493	-2,5017	0,01236	0,0615685	no
AN9133	ChrVI_A_nidulans_FGSC_A4:343950-345370	WT_5hasex	WT_veg	OK	19,4928	28,7995	0,563105	-0,997045	0,318743	0,594766	no
AN9137	ChrVI_A_nidulans_FGSC_A4:332748-333452	WT_5hasex	WT_veg	NOTEST	1,79119	3,09081	0,787062	-0,496776	0,619347	1	no
AN9138	ChrVI_A_nidulans_FGSC_A4:330406-332464	WT_5hasex	WT_veg	OK	88,2594	201,871	1,19361	-2,29921	0,021493	0,0941072	no
AN9139	ChrVI_A_nidulans_FGSC_A4:329230-330266	WT_5hasex	WT_veg	OK	1,85417	6,15709	1,73148	-1,57482	0,115298	0,318848	no
AN9140	ChrVI_A_nidulans_FGSC_A4:326129-328282	WT_5hasex	WT_veg	OK	17,8751	8,27394	-1,11131	2,07718	0,037785	0,14459	no
AN9141	ChrVI_A_nidulans_FGSC_A4:322063-325109	WT_5hasex	WT_veg	OK	7,99821	5,94429	-0,428173	0,623122	0,533204	0,771957	no
AN9142	ChrVI_A_nidulans_FGSC_A4:319468-320455	WT_5hasex	WT_veg	OK	38,3772	147,319	1,94062	-3,18814	0,00143193	0,0105607	yes
AN9145	ChrVI_A_nidulans_FGSC_A4:311107-311589	WT_5hasex	WT_veg	NOTEST	1,51603	2,37973	0,650506	-0,414489	0,678516	1	no
AN9146	ChrVI_A_nidulans_FGSC_A4:305097-308600	WT_5hasex	WT_veg	OK	21,4101	45,3726	1,08353	-2,25765	0,0239673	0,102134	no
AN9147	ChrVI_A_nidulans_FGSC_A4:298631-302068	WT_5hasex	WT_veg	OK	15,8984	20,4736	0,364885	-0,698497	0,484867	0,738952	no
AN9149	ChrVI_A_nidulans_FGSC_A4:289215-294190	WT_5hasex	WT_veg	OK	71,5114	174,442	1,2865	-2,46397	0,013741	0,0668015	no

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AN9151	ChrVI_A_nidulans_FGSC_A4:275659-278925	WT_5hasex	WT_veg	OK	13,0512	15,8096	0,276613	-0,547628	0,583948	0,803595	no
AN9152	ChrVI_A_nidulans_FGSC_A4:273903-275173	WT_5hasex	WT_veg	OK	6,04664	12,5509	1,05358	-1,52974	0,12608	0,338223	no
AN9154	ChrVI_A_nidulans_FGSC_A4:264203-266359	WT_5hasex	WT_veg	NOTEST	1,12493	0	-1.79769e+308	-1.79769e+308	0,0239174	1	no
AN9156	ChrVI_A_nidulans_FGSC_A4:252991-254901	WT_5hasex	WT_veg	OK	37,9032	101,429	1,42008	-2,42596	0,015268	0,0724902	no
AN9157	ChrVI_A_nidulans_FGSC_A4:250495-252710	WT_5hasex	WT_veg	OK	108,289	180,638	0,738213	-1,50116	0,133315	0,351229	no
AN9158	ChrVI_A_nidulans_FGSC_A4:248635-249391	WT_5hasex	WT_veg	OK	8,42637	19,5103	1,21125	-1,76754	0,077138	0,241526	no
AN9159	ChrVI_A_nidulans_FGSC_A4:246569-247525	WT_5hasex	WT_veg	OK	65,3553	131,471	1,00837	-2,05454	0,039923	0,15064	no
AN9161	ChrVI_A_nidulans_FGSC_A4:240182-241764	WT_5hasex	WT_veg	OK	38,1094	107,767	1,49969	-2,38464	0,017096	0,0791121	no
AN9162	ChrVI_A_nidulans_FGSC_A4:238205-239816	WT_5hasex	WT_veg	OK	3,65572	14,8446	2,02172	-2,78428	0,0053646	0,0314423	yes
AN9163	ChrVI_A_nidulans_FGSC_A4:236244-237223	WT_5hasex	WT_veg	OK	287,543	1333,04	2,21287	-4,21836	2,4609E-05	0,00032046	yes
AN9164	ChrVI_A_nidulans_FGSC_A4:235012-236006	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9165	ChrVI_A_nidulans_FGSC_A4:231317-233453	WT_5hasex	WT_veg	OK	20,1868	10,0534	-1,00574	1,85587	0,0634718	0,210217	no
AN9166	ChrVI_A_nidulans_FGSC_A4:227564-228803	WT_5hasex	WT_veg	OK	2,26363	6,69126	1,56364	-2,01399	0,0440104	0,161784	no
AN9167	ChrVI_A_nidulans_FGSC_A4:226010-227087	WT_5hasex	WT_veg	OK	10,1302	66,8099	7,2714	-4,43396	9,2518E-06	0,00013434	yes
AN9168	ChrVI_A_nidulans_FGSC_A4:222681-224441	WT_5hasex	WT_veg	OK	229,808	156,698	-0,552443	0,967068	0,33351	0,609876	no
AN9169	ChrVI_A_nidulans_FGSC_A4:214599-216386	WT_5hasex	WT_veg	NOTEST	0,134067	0,52919	1,98083	-0,833259	0,404699	1	no
AN9171	ChrVI_A_nidulans_FGSC_A4:208955-210265	WT_5hasex	WT_veg	NOTEST	0,194916	0,149745	-0,380348	0,109471	0,912829	1	no
AN9172	ChrVI_A_nidulans_FGSC_A4:206388-208193	WT_5hasex	WT_veg	OK	9,57305	4,66783	-1,03623	1,49317	0,135393	0,354706	no
AN9173	ChrVI_A_nidulans_FGSC_A4:204369-206139	WT_5hasex	WT_veg	OK	21,4385	43,1117	1,00788	-1,74235	0,0814479	0,25081	no
AN9174	ChrVI_A_nidulans_FGSC_A4:199583-201347	WT_5hasex	WT_veg	OK	3,87218	0,712199	-2,44279	1,81428	0,0696347	0,224637	no
AN9177	ChrVI_A_nidulans_FGSC_A4:189171-190473	WT_5hasex	WT_veg	OK	75,5804	72,4737	-0,0605549	0,0941082	0,925023	0,971594	no
AN9178	ChrVI_A_nidulans_FGSC_A4:184385-188744	WT_5hasex	WT_veg	OK	34,2662	33,7304	-0,0227351	0,0346452	0,972363	0,990021	no
AN9179	ChrVI_A_nidulans_FGSC_A4:181029-182130	WT_5hasex	WT_veg	OK	24,5531	95,7197	1,96291	-3,39886	0,00067666	0,00562744	yes
AN9180	ChrVI_A_nidulans_FGSC_A4:178807-180745	WT_5hasex	WT_veg	OK	129	818,859	2,66625	-4,77272	1,8176E-06	3,1506E-05	yes
AN9181	ChrVI_A_nidulans_FGSC_A4:177449-178498	WT_5hasex	WT_veg	OK	4,43597	3,41366	-0,377931	0,44316	0,65765	0,845678	no
AN9184	ChrVI_A_nidulans_FGSC_A4:168293-170253	WT_5hasex	WT_veg	OK	74,4459	46,9426	-0,665294	1,09317	0,274319	0,54703	no
AN9185	ChrVI_A_nidulans_FGSC_A4:166688-167294	WT_5hasex	WT_veg	OK	7,22644	32,142	2,15311	-2,83277	0,00461469	0,0278914	yes
AN9186	ChrVI_A_nidulans_FGSC_A4:164092-166004	WT_5hasex	WT_veg	OK	68,7214	379,829	2,46652	-3,9747	7,0467E-05	0,00080855	yes
AN9187	ChrVI_A_nidulans_FGSC_A4:161607-163851	WT_5hasex	WT_veg	OK	1,99047	3,76296	0,91876	-1,26911	0,204402	0,460593	no
AN9188	ChrVI_A_nidulans_FGSC_A4:160086-160946	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9189	ChrVI_A_nidulans_FGSC_A4:158461-159843	WT_5hasex	WT_veg	NOTEST	0,378661	0	-1.79769e+308	-1.79769e+308	0,0703913	1	no
AN9191	ChrVI_A_nidulans_FGSC_A4:154949-156549	WT_5hasex	WT_veg	OK	34,3917	127,287	1,88795	-3,81703	0,00013507	0,00142584	yes
AN9192	ChrVI_A_nidulans_FGSC_A4:153304-154774	WT_5hasex	WT_veg	OK	28,5478	115,683	2,01873	-3,91386	9,0832E-05	0,00100949	yes
AN9193	ChrVI_A_nidulans_FGSC_A4:151292-152312	WT_5hasex	WT_veg	OK	39,3716	40,3651	0,0359546	-0,0614916	0,950968	0,981964	no
AN9195	ChrVI_A_nidulans_FGSC_A4:145846-146917	WT_5hasex	WT_veg	OK	0,908052	10,363	3,51252	-3,91746	8,9487E-05	0,00099666	yes
AN9196	ChrVI_A_nidulans_FGSC_A4:142868-144131	WT_5hasex	WT_veg	NOTEST	0,328731	0,686543	1,06244	-0,613992	0,53922	1	no
AN9197	ChrVI_A_nidulans_FGSC_A4:140197-141723	WT_5hasex	WT_veg	NOTEST	1,04805	2,27672	1,11925	-1,19222	0,233176	1	no
AN9198	ChrVI_A_nidulans_FGSC_A4:137878-139465	WT_5hasex	WT_veg	NOTEST	0,614231	1,2607	1,03737	-0,938552	0,347961	1	no
AN9200	ChrVI_A_nidulans_FGSC_A4:123220-132751	WT_5hasex	WT_veg	NOTEST	0,0468736	0,0828927	0,82247	-0,482372	0,629541	1	no
AN9201	ChrVI_A_nidulans_FGSC_A4:121419-121820	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9202	ChrVI_A_nidulans_FGSC_A4:119582-120239	WT_5hasex	WT_veg	NOTEST	1,28487	0	-1.79769e+308	-1.79769e+308	0,0793015	1	no
AN9203	ChrVI_A_nidulans_FGSC_A4:114794-116576	WT_5hasex	WT_veg	NOTEST	1,08256	1,93639	0,838921	-0,94784	0,343211	1	no
AN9204	ChrVI_A_nidulans_FGSC_A4:111671-112265	WT_5hasex	WT_veg	OK	12,1117	70,0636	2,53226	-3,52923	0,00041677	0,00372178	yes
AN9205	ChrVI_A_nidulans_FGSC_A4:109499-110381	WT_5hasex	WT_veg	OK	23,1735	22,1294	-0,0665075	0,112254	0,910622	0,966156	no
AN9206	ChrVI_A_nidulans_FGSC_A4:107408-108337	WT_5hasex	WT_veg	OK	47,4845	68,1013	0,520226	-1,00866	0,313136	0,589193	no
AN9207	ChrVI_A_nidulans_FGSC_A4:105697-106729	WT_5hasex	WT_veg	OK	7,76699	0	-1.79769e+308	-1.79769e+308	0,00948601	0,0499734	yes
AN9208	ChrVI_A_nidulans_FGSC_A4:102977-103919	WT_5hasex	WT_veg	NOTEST	0,504376	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN9209	ChrVI_A_nidulans_FGSC_A4:100969-101807	WT_5hasex	WT_veg	NOTEST	0,272728	0,512203	0,909256	-0,364756	0,715294	1	no
AN9211	ChrVI_A_nidulans_FGSC_A4:95153-96362	WT_5hasex	WT_veg	OK	32,2976	83,7683	1,37498	-2,58555	0,00972242	0,0509271	no
AN9212	ChrVI_A_nidulans_FGSC_A4:89155-89458	WT_5hasex	WT_veg	OK	0	6,57452	1.79769e+308	1.79769e+308	0,036343	0,140531	no
AN9213	ChrVI_A_nidulans_FGSC_A4:85182-87901	WT_5hasex	WT_veg	OK	2,6659	0	-1.79769e+308	-1.79769e+308	0,00856841	0,046094	yes
AN9215	ChrVI_A_nidulans_FGSC_A4:77877-78612	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9216	ChrVI_A_nidulans_FGSC_A4:74667-76371	WT_5hasex	WT_veg	NOTEST	0,186629	0,947823	2,34445	-1,51549	0,129649	1	no

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AN9219	ChrVI_A_nidulans_FGSC_A4:59184-60925	WT_5hasex	WT_veg	NOTEST	1,76723	0	-1.79769e+308	-1.79769e+308	0,04748	1	no
AN9220	ChrVI_A_nidulans_FGSC_A4:56952-58512	WT_5hasex	WT_veg	NOTEST	1,67925	1,35156	-0,313193	0,259295	0,795408	1	no
AN9221	ChrVI_A_nidulans_FGSC_A4:51943-55300	WT_5hasex	WT_veg	OK	17,6649	23,2952	0,399147	-0,784894	0,432516	0,698721	no
AN9223	ChrVI_A_nidulans_FGSC_A4:43595-44582	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9224	ChrVI_A_nidulans_FGSC_A4:40426-41860	WT_5hasex	WT_veg	NOTEST	0	0,448314	1.79769e+308	1.79769e+308	0,134707	1	no
AN9226	ChrVI_A_nidulans_FGSC_A4:29166-37503	WT_5hasex	WT_veg	NOTEST	0,334157	0,0943214	-1,82487	1,23681	0,216158	1	no
AN9227	ChrVI_A_nidulans_FGSC_A4:27684-28611	WT_5hasex	WT_veg	NOTEST	0	0,193318	1.79769e+308	1.79769e+308	0,309884	1	no
AN9230	ChrVI_A_nidulans_FGSC_A4:14406-16586	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9231	ChrVI_A_nidulans_FGSC_A4:12114-13997	WT_5hasex	WT_veg	NOTEST	0,134339	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN9232	ChrVI_A_nidulans_FGSC_A4:10633-11449	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9233	ChrVI_A_nidulans_FGSC_A4:8799-10071	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9234	ChrVI_A_nidulans_FGSC_A4:5378-6480	WT_5hasex	WT_veg	NOTEST	0,63105	0,170094	-1,89142	0,609792	0,542	1	no
AN9235	ChrVI_A_nidulans_FGSC_A4:3692-4756	WT_5hasex	WT_veg	NOTEST	0,289382	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9236	ChrVI_A_nidulans_FGSC_A4:1048-2798	WT_5hasex	WT_veg	NOTEST	0,145588	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN9239	ChrVIII_A_nidulans_FGSC_A4:12909-13963	WT_5hasex	WT_veg	NOTEST	0,74933	0,276117	-1,44032	0,603761	0,546002	1	no
AN9240	ChrVIII_A_nidulans_FGSC_A4:14516-15575	WT_5hasex	WT_veg	OK	20,7679	4,21626	-2,30032	2,65316	0,00797414	0,0434593	yes
AN9241	ChrVIII_A_nidulans_FGSC_A4:25775-27594	WT_5hasex	WT_veg	OK	4,08726	5,57384	0,447538	-0,629017	0,529338	0,769036	no
AN9242	ChrVIII_A_nidulans_FGSC_A4:27767-29723	WT_5hasex	WT_veg	NOTEST	1,05159	2,19647	1,06261	-1,19383	0,232544	1	no
AN9243	ChrVIII_A_nidulans_FGSC_A4:39129-42783	WT_5hasex	WT_veg	NOTEST	0,302948	1,09267	1,85071	-1,67313	0,0943016	1	no
AN9244	ChrVIII_A_nidulans_FGSC_A4:43422-50358	WT_5hasex	WT_veg	NOTEST	0,127532	0,36678	1,52405	-1,48372	0,137884	1	no
AN9245	ChrVIII_A_nidulans_FGSC_A4:51864-53997	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9246	ChrVIII_A_nidulans_FGSC_A4:54324-55221	WT_5hasex	WT_veg	NOTEST	1,33186	0	-1.79769e+308	-1.79769e+308	0,0368957	1	no
AN9247	ChrVIII_A_nidulans_FGSC_A4:55686-56163	WT_5hasex	WT_veg	OK	2,75095	0	-1.79769e+308	-1.79769e+308	0,0315813	0,126279	no
AN9249	ChrVIII_A_nidulans_FGSC_A4:59582-60345	WT_5hasex	WT_veg	NOTEST	2,04104	2,92547	0,519365	-0,452015	0,651258	1	no
AN9250	ChrVIII_A_nidulans_FGSC_A4:61262-62813	WT_5hasex	WT_veg	NOTEST	0,559519	0,911769	0,704483	-0,600104	0,548437	1	no
AN9252	ChrVIII_A_nidulans_FGSC_A4:65120-65624	WT_5hasex	WT_veg	NOTEST	1,30487	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN9254	ChrVIII_A_nidulans_FGSC_A4:69468-70138	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9256	ChrVIII_A_nidulans_FGSC_A4:78517-79088	WT_5hasex	WT_veg	NOTEST	0,41913	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9257	ChrVIII_A_nidulans_FGSC_A4:81052-81800	WT_5hasex	WT_veg	NOTEST	0,443418	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN9259	ChrVIII_A_nidulans_FGSC_A4:87088-88213	WT_5hasex	WT_veg	NOTEST	0,267312	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN9260	ChrVIII_A_nidulans_FGSC_A4:91585-94567	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9261	ChrVIII_A_nidulans_FGSC_A4:95973-98536	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9262	ChrVIII_A_nidulans_FGSC_A4:98952-101493	WT_5hasex	WT_veg	OK	2,22316	12,7087	2,51513	-3,52837	0,00041813	0,00373267	yes
AN9263	ChrVIII_A_nidulans_FGSC_A4:106746-108314	WT_5hasex	WT_veg	OK	216,151	106,457	-1,02176	1,9932	0,0462396	0,167999	no
AN9264	ChrVIII_A_nidulans_FGSC_A4:111434-112289	WT_5hasex	WT_veg	OK	2,78015	12,8822	2,21214	-2,37134	0,0177237	0,0812022	no
AN9265	ChrVIII_A_nidulans_FGSC_A4:113099-114503	WT_5hasex	WT_veg	OK	9,22828	0,724873	-3,67026	3,12207	0,00179582	0,0127582	yes
AN9266	ChrVIII_A_nidulans_FGSC_A4:115038-116413	WT_5hasex	WT_veg	OK	3,04751	0	-1.79769e+308	-1.79769e+308	0,0347525	0,135954	no
AN9267	ChrVIII_A_nidulans_FGSC_A4:119914-121030	WT_5hasex	WT_veg	NOTEST	0,158622	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9268	ChrVIII_A_nidulans_FGSC_A4:121293-122229	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9272	ChrVIII_A_nidulans_FGSC_A4:140702-142664	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9273	ChrVIII_A_nidulans_FGSC_A4:143365-144005	WT_5hasex	WT_veg	OK	9,54017	8,06609	-0,242147	0,242399	0,808471	0,923277	no
AN9274	ChrVIII_A_nidulans_FGSC_A4:146402-147169	WT_5hasex	WT_veg	OK	2,61663	10,0513	1,9416	-2,31723	0,0204912	0,0908445	no
AN9275	ChrVIII_A_nidulans_FGSC_A4:148190-148970	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9277	ChrVIII_A_nidulans_FGSC_A4:156847-158667	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9278	ChrVIII_A_nidulans_FGSC_A4:158881-160610	WT_5hasex	WT_veg	NOTEST	0,103932	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9279	ChrVIII_A_nidulans_FGSC_A4:160809-161724	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9280	ChrVIII_A_nidulans_FGSC_A4:162753-164482	WT_5hasex	WT_veg	NOTEST	0,157086	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
AN9281	ChrVIII_A_nidulans_FGSC_A4:164835-165538	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9282	ChrVIII_A_nidulans_FGSC_A4:165901-167878	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9283	ChrVIII_A_nidulans_FGSC_A4:170523-172823	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9284	ChrVIII_A_nidulans_FGSC_A4:173142-173957	WT_5hasex	WT_veg	OK	2,58711	23,6289	3,19114	-3,91229	9,1424E-05	0,00101543	yes
AN9285	ChrVIII_A_nidulans_FGSC_A4:174086-174641	WT_5hasex	WT_veg	OK	5284,79	28493,6	2,43072	-2,8656	0,00416226	0,0256299	yes
AN9287	ChrVIII_A_nidulans_FGSC_A4:178169-179617	WT_5hasex	WT_veg	NOTEST	1,98092	1,69591	-0,224112	0,235411	0,81389	1	no

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AN9288	ChrVIII_A_nidulans_FGSC_A4:180565-181833	WT_5hasex	WT_veg	OK	5,28782	24,1041	2,18853	-2,84067	0,00450191	0,0273581	yes
AN9289	ChrVIII_A_nidulans_FGSC_A4:181969-183817	WT_5hasex	WT_veg	OK	10,61	11,4867	0,114537	-0,180212	0,856986	0,944276	no
AN9290	ChrVIII_A_nidulans_FGSC_A4:185505-186072	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9292	ChrVIII_A_nidulans_FGSC_A4:193497-194731	WT_5hasex	WT_veg	OK	4,89437	9,90677	1,01729	-1,44222	0,14924	0,377764	no
AN9293	ChrVIII_A_nidulans_FGSC_A4:195165-197081	WT_5hasex	WT_veg	OK	6,55542	22,2201	1,76111	-2,83962	0,00451671	0,0274321	yes
AN9294	ChrVIII_A_nidulans_FGSC_A4:197910-199597	WT_5hasex	WT_veg	OK	15,2625	53,206	1,8016	-3,09328	0,00197959	0,0138645	yes
AN9295	ChrVIII_A_nidulans_FGSC_A4:202662-204420	WT_5hasex	WT_veg	OK	1,31339	8,20924	2,64395	-3,01083	0,00260534	0,0173806	yes
AN9297	ChrVIII_A_nidulans_FGSC_A4:210659-212726	WT_5hasex	WT_veg	OK	334,428	100,034	-1,74121	3,26024	0,00111318	0,00858343	yes
AN9299	ChrVIII_A_nidulans_FGSC_A4:217339-218176	WT_5hasex	WT_veg	NOTEST	1,11506	1,19906	0,104783	-0,0686436	0,945273	1	no
AN9300	ChrVIII_A_nidulans_FGSC_A4:220918-223124	WT_5hasex	WT_veg	OK	6,35617	17,7002	1,47753	-2,18218	0,0290959	0,118459	no
AN9302	ChrVIII_A_nidulans_FGSC_A4:225489-228452	WT_5hasex	WT_veg	OK	4,48439	14,9879	1,74082	-2,28867	0,0220986	0,0960288	no
AN9303	ChrVIII_A_nidulans_FGSC_A4:229088-230217	WT_5hasex	WT_veg	OK	75,9281	381,375	2,3285	-4,71669	2,3972E-06	4,0262E-05	yes
AN9305	ChrVIII_A_nidulans_FGSC_A4:233259-234892	WT_5hasex	WT_veg	OK	42,1888	43,917	0,0579209	-0,107418	0,914457	0,967462	no
AN9306	ChrVIII_A_nidulans_FGSC_A4:235545-236903	WT_5hasex	WT_veg	OK	39,9312	72,4711	0,859889	-1,56805	0,11687	0,321831	no
AN9307	ChrVIII_A_nidulans_FGSC_A4:237697-238357	WT_5hasex	WT_veg	NOTEST	1,07926	2,6165	1,2776	-1,11901	0,263138	1	no
AN9308	ChrVIII_A_nidulans_FGSC_A4:238642-240301	WT_5hasex	WT_veg	OK	54,4583	128,722	1,24104	-2,55813	0,0105237	0,054214	no
AN9309	ChrVIII_A_nidulans_FGSC_A4:240472-241976	WT_5hasex	WT_veg	NOTEST	0,6256	2,24056	1,84055	-1,86975	0,0615186	1	no
AN9310	ChrVIII_A_nidulans_FGSC_A4:243745-244298	WT_5hasex	WT_veg	OK	1,87446	19,6528	3,39019	-3,30094	0,00096362	0,00761275	yes
AN9311	ChrVIII_A_nidulans_FGSC_A4:245539-246352	WT_5hasex	WT_veg	OK	4,73149	1,57295	-1,58882	1,3982	0,162052	0,398197	no
AN9314	ChrVIII_A_nidulans_FGSC_A4:252332-255341	WT_5hasex	WT_veg	NOTEST	0,227169	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN9315	ChrVIII_A_nidulans_FGSC_A4:256320-257609	WT_5hasex	WT_veg	OK	5,81654	4,98368	-0,222949	0,306948	0,758883	0,900238	no
AN9316	ChrVIII_A_nidulans_FGSC_A4:257949-260202	WT_5hasex	WT_veg	NOTEST	1,25371	0,341591	-1,87586	1,25245	0,210408	1	no
AN9317	ChrVIII_A_nidulans_FGSC_A4:261325-264360	WT_5hasex	WT_veg	NOTEST	0,356016	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
AN9318	ChrVIII_A_nidulans_FGSC_A4:265300-267372	WT_5hasex	WT_veg	NOTEST	1,83492	1,00883	-0,86303	0,816573	0,414173	1	no
AN9319	ChrVIII_A_nidulans_FGSC_A4:268544-269267	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9320	ChrVIII_A_nidulans_FGSC_A4:269514-272723	WT_5hasex	WT_veg	OK	16,2086	31,6409	0,965037	-1,8358	0,0663875	0,217075	no
AN9321	ChrVIII_A_nidulans_FGSC_A4:273183-275139	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9322	ChrVIII_A_nidulans_FGSC_A4:276287-277306	WT_5hasex	WT_veg	OK	36,897	91,2897	1,30695	-2,48986	0,0127793	0,0632294	no
AN9323	ChrVIII_A_nidulans_FGSC_A4:277994-281510	WT_5hasex	WT_veg	OK	2,92446	4,82094	0,721142	-0,974638	0,32974	0,606151	no
AN9324	ChrVIII_A_nidulans_FGSC_A4:282341-284081	WT_5hasex	WT_veg	OK	2,35321	1,43223	-0,716361	0,772148	0,440027	0,704177	no
AN9325	ChrVIII_A_nidulans_FGSC_A4:290457-291115	WT_5hasex	WT_veg	OK	5,54919	20,1123	1,85773	-2,36911	0,0178309	0,0815763	no
AN9327	ChrVIII_A_nidulans_FGSC_A4:295564-296631	WT_5hasex	WT_veg	OK	19,6303	42,7121	1,12157	-1,80424	0,0711936	0,228233	no
AN9328	ChrVIII_A_nidulans_FGSC_A4:297348-299416	WT_5hasex	WT_veg	OK	3,55868	4,24431	0,254186	-0,368988	0,712136	0,876311	no
AN9329	ChrVIII_A_nidulans_FGSC_A4:300463-303670	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9330	ChrVIII_A_nidulans_FGSC_A4:305044-306049	WT_5hasex	WT_veg	NOTEST	1,77701	1,89415	0,0920929	-0,0881657	0,929745	1	no
AN9331	ChrVIII_A_nidulans_FGSC_A4:306798-307897	WT_5hasex	WT_veg	NOTEST	0,310624	1,24525	2,0032	-0,881173	0,378224	1	no
AN9332	ChrVIII_A_nidulans_FGSC_A4:308461-309436	WT_5hasex	WT_veg	NOTEST	0,910908	3,45596	1,92371	-1,91414	0,0556027	1	no
AN9336	ChrVIII_A_nidulans_FGSC_A4:322535-324188	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9337	ChrVIII_A_nidulans_FGSC_A4:324813-326067	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9338	ChrVIII_A_nidulans_FGSC_A4:327353-327811	WT_5hasex	WT_veg	OK	8,48786	11,1223	0,389984	-0,44163	0,658757	0,846178	no
AN9341	ChrVIII_A_nidulans_FGSC_A4:341992-345694	WT_5hasex	WT_veg	NOTEST	0,346702	1,67652	2,2737	-2,54715	0,0108606	1	no
AN9342	ChrVIII_A_nidulans_FGSC_A4:349617-354139	WT_5hasex	WT_veg	OK	6,15871	32,3456	2,39287	-4,42156	9,7989E-06	0,00014153	yes
AN9343	ChrVIII_A_nidulans_FGSC_A4:355966-356815	WT_5hasex	WT_veg	OK	0	4,96031	1.79769e+308	1.79769e+308	0,00124263	0,00938545	yes
AN9344	ChrVIII_A_nidulans_FGSC_A4:358005-363003	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9345	ChrVIII_A_nidulans_FGSC_A4:364541-365794	WT_5hasex	WT_veg	NOTEST	0,3424	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN9346	ChrVIII_A_nidulans_FGSC_A4:366134-367826	WT_5hasex	WT_veg	NOTEST	1,07312	2,85009	1,40919	-1,56068	0,1186	1	no
AN9347	ChrVIII_A_nidulans_FGSC_A4:368785-369727	WT_5hasex	WT_veg	NOTEST	1,61846	0,222975	-2,85966	0,947674	0,343296	1	no
AN9348	ChrVIII_A_nidulans_FGSC_A4:373276-375586	WT_5hasex	WT_veg	OK	2,6858	1,55159	-0,791608	0,965125	0,334482	0,61084	no
AN9349	ChrVIII_A_nidulans_FGSC_A4:378403-379766	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9350	ChrVIII_A_nidulans_FGSC_A4:386733-387777	WT_5hasex	WT_veg	OK	1,42013	8,82223	2,63512	-2,57138	0,0101295	0,0526333	no
AN9351	ChrVIII_A_nidulans_FGSC_A4:388290-389058	WT_5hasex	WT_veg	OK	7,81725	53,6534	2,77894	-3,18073	0,00146903	0,0107981	yes
AN9352	ChrVIII_A_nidulans_FGSC_A4:389785-391812	WT_5hasex	WT_veg	NOTEST	0,814396	0,625136	-0,381561	0,256794	0,797338	1	no
AN9353	ChrVIII_A_nidulans_FGSC_A4:392276-392676	WT_5hasex	WT_veg	NOTEST	0,679162	0	-1.79769e+308	-1.79769e+308	0,165569	1	no

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AN9354	ChrVIII_A_nidulans_FGSC_A4:393159-394137	WT_5hasex	WT_veg	NOTEST	1,7203	1,55367	-0,146985	0,122766	0,902292	1	no
AN9355	ChrVIII_A_nidulans_FGSC_A4:394321-395249	WT_5hasex	WT_veg	OK	5,23789	2,2326	-1,23026	1,26946	0,204276	0,460427	no
AN9356	ChrVIII_A_nidulans_FGSC_A4:395673-397034	WT_5hasex	WT_veg	OK	13,4284	23,1356	0,784825	-1,36924	0,170924	0,123254	no
AN9357	ChrVIII_A_nidulans_FGSC_A4:398177-399086	WT_5hasex	WT_veg	OK	85,352	255,928	1,58424	-3,24416	0,00117796	0,00898902	yes
AN9358	ChrVIII_A_nidulans_FGSC_A4:399747-400610	WT_5hasex	WT_veg	OK	89,7802	198,076	1,14159	-2,33381	0,0196058	0,0877581	no
AN9359	ChrVIII_A_nidulans_FGSC_A4:400973-403297	WT_5hasex	WT_veg	OK	30,6626	52,5176	0,776322	-1,59493	0,110728	0,310654	no
AN9360	ChrVIII_A_nidulans_FGSC_A4:403492-404686	WT_5hasex	WT_veg	OK	19,4507	52,6646	1,43701	-2,57635	0,00998486	0,0520624	no
AN9361	ChrVIII_A_nidulans_FGSC_A4:405514-407375	WT_5hasex	WT_veg	OK	7,95382	46,5207	2,54815	-4,18168	2,8937E-05	0,00037189	yes
AN9362	ChrVIII_A_nidulans_FGSC_A4:408941-409863	WT_5hasex	WT_veg	OK	184,135	432,172	1,23084	-2,4249	0,0153126	0,0726294	no
AN9363	ChrVIII_A_nidulans_FGSC_A4:411400-412751	WT_5hasex	WT_veg	OK	4,96226	5,45639	0,13695	-0,187082	0,851596	0,941662	no
AN9364	ChrVIII_A_nidulans_FGSC_A4:413228-414758	WT_5hasex	WT_veg	OK	0,996502	7,07539	2,82786	-2,84246	0,00447671	0,0272397	yes
AN9366	ChrVIII_A_nidulans_FGSC_A4:417332-418364	WT_5hasex	WT_veg	NOTEST	0,738386	0,885609	0,262295	-0,159115	0,873578	1	no
AN9367	ChrVIII_A_nidulans_FGSC_A4:421778-422823	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9368	ChrVIII_A_nidulans_FGSC_A4:422951-423930	WT_5hasex	WT_veg	NOTEST	0,216942	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9369	ChrVIII_A_nidulans_FGSC_A4:425120-426884	WT_5hasex	WT_veg	OK	29,763	94,7285	1,67028	-2,94927	0,00318528	0,0205485	yes
AN9370	ChrVIII_A_nidulans_FGSC_A4:428598-430143	WT_5hasex	WT_veg	OK	26,5846	48,7937	0,876103	-1,56799	0,116885	0,321831	no
AN9371	ChrVIII_A_nidulans_FGSC_A4:431325-436469	WT_5hasex	WT_veg	OK	3,09854	4,31728	0,478533	-0,791123	0,428872	0,695352	no
AN9372	ChrVIII_A_nidulans_FGSC_A4:438562-440440	WT_5hasex	WT_veg	NOTEST	0,225685	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
AN9373	ChrVIII_A_nidulans_FGSC_A4:442815-444299	WT_5hasex	WT_veg	OK	10,5676	27,169	1,36232	-2,26905	0,023265	0,0998635	no
AN9374	ChrVIII_A_nidulans_FGSC_A4:444588-445533	WT_5hasex	WT_veg	OK	2,60988	1,7465	-0,579521	0,5325	0,59438	0,809615	no
AN9375	ChrVIII_A_nidulans_FGSC_A4:447056-448302	WT_5hasex	WT_veg	OK	38,7459	61,1547	0,658419	-1,23605	0,216442	0,476454	no
AN9377	ChrVIII_A_nidulans_FGSC_A4:453664-454523	WT_5hasex	WT_veg	OK	9,99609	25,6469	1,35935	-2,03604	0,0417466	0,155602	no
AN9378	ChrVIII_A_nidulans_FGSC_A4:455025-456284	WT_5hasex	WT_veg	OK	24,2724	61,3532	1,33782	-2,44006	0,0146848	0,0703716	no
AN9379	ChrVIII_A_nidulans_FGSC_A4:457899-459380	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9380	ChrVIII_A_nidulans_FGSC_A4:460350-461295	WT_5hasex	WT_veg	OK	480,032	697,802	0,539687	-0,803763	0,421534	0,6896	no
AN9381	ChrVIII_A_nidulans_FGSC_A4:462539-463922	WT_5hasex	WT_veg	OK	20,329	45,1031	1,14969	-1,93774	0,0526546	0,183959	no
AN9382	ChrVIII_A_nidulans_FGSC_A4:465369-467302	WT_5hasex	WT_veg	NOTEST	0,621157	1,10148	0,826415	-0,680937	0,495911	1	no
AN9385	ChrVIII_A_nidulans_FGSC_A4:475091-475819	WT_5hasex	WT_veg	NOTEST	0,455876	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
AN9386	ChrVIII_A_nidulans_FGSC_A4:483618-485066	WT_5hasex	WT_veg	OK	7,3836	8,44226	0,193304	-0,27881	0,780391	0,910375	no
AN9387	ChrVIII_A_nidulans_FGSC_A4:485317-486599	WT_5hasex	WT_veg	NOTEST	0,686976	0,558532	-0,298621	0,189401	0,849779	1	no
AN9388	ChrVIII_A_nidulans_FGSC_A4:487728-488928	WT_5hasex	WT_veg	OK	5,68825	5,63923	-0,0124857	0,0162175	0,987061	0,995359	no
AN9389	ChrVIII_A_nidulans_FGSC_A4:492124-493969	WT_5hasex	WT_veg	NOTEST	1,02751	2,73327	1,41148	-1,61827	0,105605	1	no
AN9391	ChrVIII_A_nidulans_FGSC_A4:498527-499843	WT_5hasex	WT_veg	OK	11,1393	21,4393	0,944595	-1,5965	0,110376	0,309995	no
AN9392	ChrVIII_A_nidulans_FGSC_A4:500694-502744	WT_5hasex	WT_veg	OK	28,7982	49,921	0,793668	-1,38347	0,166521	0,405296	no
AN9393	ChrVIII_A_nidulans_FGSC_A4:503248-504972	WT_5hasex	WT_veg	OK	11,1452	5,78857	-0,945144	1,54481	0,122393	0,331951	no
AN9394	ChrVIII_A_nidulans_FGSC_A4:505183-507138	WT_5hasex	WT_veg	OK	11,1002	30,2592	1,44678	-2,43583	0,0148576	0,0710308	no
AN9395	ChrVIII_A_nidulans_FGSC_A4:507314-509836	WT_5hasex	WT_veg	OK	5,06163	10,1485	1,0036	-1,62161	0,104886	0,299458	no
AN9398	ChrVIII_A_nidulans_FGSC_A4:514536-516290	WT_5hasex	WT_veg	OK	28,3922	224,9	2,98572	-5,9278	3,0703E-09	9,805E-08	yes
AN9400	ChrVIII_A_nidulans_FGSC_A4:518861-520852	WT_5hasex	WT_veg	OK	51,4616	80,4514	0,644622	-1,33072	0,183281	0,431032	no
AN9401	ChrVIII_A_nidulans_FGSC_A4:521335-522703	WT_5hasex	WT_veg	OK	156,799	660,76	2,07521	-4,19561	2,7213E-05	0,00035141	yes
AN9402	ChrVIII_A_nidulans_FGSC_A4:522877-524789	WT_5hasex	WT_veg	OK	42,1107	56,9924	0,436583	-0,839104	0,401411	0,673235	no
AN9404	ChrVIII_A_nidulans_FGSC_A4:527473-528182	WT_5hasex	WT_veg	OK	81,2816	261,684	1,68682	-3,37679	0,00073336	0,00602724	yes
AN9405	ChrVIII_A_nidulans_FGSC_A4:528660-529828	WT_5hasex	WT_veg	OK	56,3204	121,081	1,10424	-2,25149	0,0243542	0,10332	no
AN9409	ChrVIII_A_nidulans_FGSC_A4:550968-552239	WT_5hasex	WT_veg	OK	48,2588	145,355	1,59072	-3,18103	0,0014675	0,01079	yes
AN9410	ChrVIII_A_nidulans_FGSC_A4:552924-555885	WT_5hasex	WT_veg	OK	14,3364	32,632	1,1866	-2,35159	0,0186932	0,0845032	no
AN9414	ChrII_A_nidulans_FGSC_A4:1489428-1490987	WT_5hasex	WT_veg	OK	3,01393	8,49335	1,49469	-1,61448	0,106423	0,30266	no
AN9416	ChrII_A_nidulans_FGSC_A4:1480188-1481250	WT_5hasex	WT_veg	OK	5,99696	10,0649	0,747027	-1,03464	0,300835	0,576541	no
AN9418	ChrVII_A_nidulans_FGSC_A4:667536-668203	WT_5hasex	WT_veg	OK	22,1185	106,005	2,26081	-3,63084	0,0002825	0,00268184	yes
AN9419	ChrVII_A_nidulans_FGSC_A4:668441-672579	WT_5hasex	WT_veg	OK	98,7134	292,777	1,56849	-3,04891	0,00229671	0,0156525	yes
AN9421	ChrVII_A_nidulans_FGSC_A4:672851-674720	WT_5hasex	WT_veg	OK	58,3502	101,759	0,802341	-1,66229	0,0964541	0,282092	no
AN9422	ChrVII_A_nidulans_FGSC_A4:675039-676618	WT_5hasex	WT_veg	OK	83,2622	99,3068	0,254232	-0,524293	0,600075	0,813313	no
AN9423	ChrVII_A_nidulans_FGSC_A4:676780-678225	WT_5hasex	WT_veg	OK	42,569	49,7264	0,224211	-0,442012	0,658481	0,846127	no
AN9424	ChrVII_A_nidulans_FGSC_A4:679818-680306	WT_5hasex	WT_veg	OK	32,7729	86,1228	1,39389	-2,30192	0,0213397	0,0936476	no

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AN9425	ChrVII_A_nidulans_FGSC_A4:459072-460195	WT_5hasex	WT_veg	OK	12,2624	34,632	1,49787	-2,28299	0,0224307	0,0970891	no
AN9426	ChrVII_A_nidulans_FGSC_A4:450785-454623	WT_5hasex	WT_veg	OK	2,173	4,77857	1,13689	-1,76654	0,0773059	0,241951	no
AN9433	ChrIII_A_nidulans_FGSC_A4:1947750-1948299	WT_5hasex	WT_veg	OK	21,9236	201,79	3,2023	-5,25435	1,4854E-07	3,3265E-06	yes
AN9434	ChrIII_A_nidulans_FGSC_A4:1949496-1952964	WT_5hasex	WT_veg	OK	25,0954	35,7274	0,509606	-1,03912	0,298749	0,574119	no
AN9435	ChrIII_A_nidulans_FGSC_A4:1953797-1956360	WT_5hasex	WT_veg	OK	28,4577	28,9655	0,0255168	-0,0515322	0,958901	0,984798	no
AN9436	ChrVIII_A_nidulans_FGSC_A4:2654572-2657115	WT_5hasex	WT_veg	OK	14,9371	24,8123	0,732158	-1,41581	0,156832	0,390288	no
AN9437	ChrVIII_A_nidulans_FGSC_A4:2657451-2662811	WT_5hasex	WT_veg	OK	21,8777	42,2767	0,950399	-1,91911	0,0549699	0,189758	no
AN9438	ChrVIII_A_nidulans_FGSC_A4:2662968-2664196	WT_5hasex	WT_veg	OK	38,8492	51,4499	0,405282	-0,803762	0,421535	0,6896	no
AN9440	ChrI_A_nidulans_FGSC_A4:3700107-3700953	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9441	ChrI_A_nidulans_FGSC_A4:3701509-3703251	WT_5hasex	WT_veg	OK	2,82376	8,11598	1,52315	-2,01071	0,0443558	0,162828	no
AN9442	ChrVII_A_nidulans_FGSC_A4:1309071-1310131	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9443	ChrVII_A_nidulans_FGSC_A4:1310660-1312049	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9444	ChrVII_A_nidulans_FGSC_A4:1314063-1315590	WT_5hasex	WT_veg	OK	16,7169	36,7799	1,13761	-1,92098	0,054734	0,189218	no
AN9445	ChrIII_A_nidulans_FGSC_A4:874110-874901	WT_5hasex	WT_veg	OK	2,58964	3,98524	0,621912	-0,641801	0,521002	0,76419	no
AN9448	ChrVIII_A_nidulans_FGSC_A4:4006994-4010087	WT_5hasex	WT_veg	OK	45,0554	37,285	-0,273104	0,556548	0,577836	0,799673	no
AN9449	ChrVIII_A_nidulans_FGSC_A4:4005947-4006835	WT_5hasex	WT_veg	OK	35,1594	62,5373	0,830805	-1,55428	0,120118	0,3279	no
AN9450	ChrVIII_A_nidulans_FGSC_A4:4004409-4005377	WT_5hasex	WT_veg	OK	2189,54	6195,38	1,50056	-2,31191	0,0207829	0,0918113	no
AN9456	ChrVI_A_nidulans_FGSC_A4:2703602-2704358	WT_5hasex	WT_veg	OK	1,76836	4,60411	1,38051	-1,42247	0,154891	0,38702	no
AN9457	ChrVI_A_nidulans_FGSC_A4:2706133-2708569	WT_5hasex	WT_veg	NOTEST	0,318648	1,66957	2,38944	-1,80186	0,0715677	1	no
AN9458	ChrVI_A_nidulans_FGSC_A4:2708795-2711142	WT_5hasex	WT_veg	NOTEST	0,396277	1,10094	1,47415	-1,32165	0,186286	1	no
AN9460	ChrII_A_nidulans_FGSC_A4:1083908-1084791	WT_5hasex	WT_veg	OK	59,3854	62,0953	0,0643743	-0,125992	0,899738	0,961432	no
AN9461	ChrII_A_nidulans_FGSC_A4:1084855-1087570	WT_5hasex	WT_veg	OK	89,9117	107,211	0,253876	-0,513529	0,607582	0,817795	no
AN9462	ChrII_A_nidulans_FGSC_A4:2948432-2948891	WT_5hasex	WT_veg	OK	53,1626	91,0894	0,776871	-1,37705	0,168496	0,408507	no
AN9463	ChrII_A_nidulans_FGSC_A4:2949915-2955248	WT_5hasex	WT_veg	OK	25,3555	32,4098	0,354128	-0,702656	0,48227	0,736877	no
AN9464	ChrVIII_A_nidulans_FGSC_A4:709807-710832	WT_5hasex	WT_veg	OK	34,9138	44,1323	0,338035	-0,650149	0,515596	0,760072	no
AN9465	ChrVIII_A_nidulans_FGSC_A4:711040-712271	WT_5hasex	WT_veg	OK	1276,73	2056,88	0,688004	-1,18597	0,235633	0,50096	no
AN9466	ChrVIII_A_nidulans_FGSC_A4:715103-717404	WT_5hasex	WT_veg	OK	50,5136	242,242	2,26171	-4,4479	8,6714E-06	0,00012661	yes
AN9467	ChrII_A_nidulans_FGSC_A4:449745-452762	WT_5hasex	WT_veg	OK	50,0287	59,2328	0,243639	-0,501847	0,615775	0,82232	no
AN9468	ChrI_A_nidulans_FGSC_A4:1661503-1662929	WT_5hasex	WT_veg	OK	1080,45	1560,04	0,529947	-0,92172	0,356675	0,631883	no
AN9469	ChrI_A_nidulans_FGSC_A4:1660633-1661334	WT_5hasex	WT_veg	OK	139,795	277,738	0,990408	-1,98518	0,0471242	0,17035	no
AN9471	ChrI_A_nidulans_FGSC_A4:1658274-1659001	WT_5hasex	WT_veg	OK	132,67	365,604	1,46244	-3,03066	0,00244022	0,0164741	yes
AN9472	ChrI_A_nidulans_FGSC_A4:1655899-1657714	WT_5hasex	WT_veg	OK	9,23014	15,2542	0,724786	-1,17165	0,241337	0,507527	no
AN9473	ChrV_A_nidulans_FGSC_A4:2233788-2236285	WT_5hasex	WT_veg	OK	133,039	131,605	-0,0156376	0,0287246	0,977084	0,992078	no
AN9474	ChrV_A_nidulans_FGSC_A4:2232169-2233402	WT_5hasex	WT_veg	OK	18,6545	22,641	0,279411	-0,480565	0,630826	0,830879	no
AN9476	ChrV_A_nidulans_FGSC_A4:708542-709669	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9481	ChrIII_A_nidulans_FGSC_A4:2700769-2701813	WT_5hasex	WT_veg	OK	24,9911	26,858	0,103937	-0,189454	0,849737	0,941019	no
AN9482	ChrIII_A_nidulans_FGSC_A4:2699690-2700280	WT_5hasex	WT_veg	OK	24,5184	63,6024	1,37521	-2,253	0,0242594	0,102999	no
AN9483	ChrV_A_nidulans_FGSC_A4:2268673-2269610	WT_5hasex	WT_veg	OK	46,9182	194,651	2,05267	-3,9524	7,737E-05	0,00087718	yes
AN9484	ChrVII_A_nidulans_FGSC_A4:4221-6584	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9485	ChrIII_A_nidulans_FGSC_A4:1040310-1042641	WT_5hasex	WT_veg	OK	4,67462	2,50521	-0,899915	1,18943	0,234272	0,499324	no
AN9486	ChrIII_A_nidulans_FGSC_A4:1042859-1044280	WT_5hasex	WT_veg	OK	37,056	119,176	1,68532	-3,42596	0,00061263	0,00517957	yes
AN9490	ChrI_A_nidulans_FGSC_A4:876568-878696	WT_5hasex	WT_veg	OK	6,11228	9,78271	0,678524	-1,04518	0,295941	0,57092	no
AN9493	ChrVI_A_nidulans_FGSC_A4:217648-218379	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9494	ChrVI_A_nidulans_FGSC_A4:214599-216386	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9495	ChrI_A_nidulans_FGSC_A4:352164-353739	WT_5hasex	WT_veg	OK	7,46445	15,7847	1,08042	-1,75938	0,0785133	0,244648	no
AN9496	ChrI_A_nidulans_FGSC_A4:354290-355156	WT_5hasex	WT_veg	OK	29,7831	50,823	0,770985	-1,41016	0,158494	0,39321	no
AN9497	ChrI_A_nidulans_FGSC_A4:355248-356334	WT_5hasex	WT_veg	OK	73,5853	83,6256	0,184527	-0,371703	0,710114	0,875212	no
AN9498	ChrI_A_nidulans_FGSC_A4:356545-357490	WT_5hasex	WT_veg	OK	19,77	23,2438	0,233528	-0,388736	0,697471	0,867859	no
AN9499	ChrI_A_nidulans_FGSC_A4:357608-358867	WT_5hasex	WT_veg	NOTEST	0,864982	0	-1.79769e+308	-1.79769e+308	0,0499479	1	no
AN9500	ChrIII_A_nidulans_FGSC_A4:3182479-3184611	WT_5hasex	WT_veg	OK	183,534	196,581	0,0990769	-0,179328	0,85768	0,944681	no
AN9501	ChrV_A_nidulans_FGSC_A4:3329364-3330958	WT_5hasex	WT_veg	OK	7,56871	5,28771	-0,517405	0,723404	0,469431	0,727694	no
AN9505	ChrIII_A_nidulans_FGSC_A4:2973772-2974399	WT_5hasex	WT_veg	OK	3,24152	10,812	1,7379	-2,07755	0,0377509	0,144501	no
AN9506	ChrII_A_nidulans_FGSC_A4:843296-845313	WT_5hasex	WT_veg	OK	60,8075	172,786	1,50667	-3,14568	0,00165701	0,0119322	yes

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AN9507	ChrV_A_nidulans_FGSC_A4:3398063-3401594	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9508	ChrVII_A_nidulans_FGSC_A4:10710-11578	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9509	ChrVII_A_nidulans_FGSC_A4:3893231-3894116	WT_5hasex	WT_veg	OK	39,0196	115,945	1,57117	-3,05743	0,00223241	0,0153119	yes
AN9510	ChrVII_A_nidulans_FGSC_A4:3897666-3899037	WT_5hasex	WT_veg	OK	5,375	5,14529	-0,0630123	0,0904688	0,927915	0,972674	no
AN9513	ChrII_A_nidulans_FGSC_A4:3891656-3893201	WT_5hasex	WT_veg	OK	1,59596	4,53444	1,5065	-1,84372	0,0652233	0,214378	no
AN9514	ChrIV_A_nidulans_FGSC_A4:681297-682329	WT_5hasex	WT_veg	OK	13,2534	18,6989	0,496594	-0,819198	0,412673	0,682186	no
AN9515	ChrVII_A_nidulans_FGSC_A4:958756-959645	WT_5hasex	WT_veg	OK	59,087	78,1759	0,403884	-0,78489	0,432518	0,698721	no
AN9516	ChrVIII_A_nidulans_FGSC_A4:893953-895895	WT_5hasex	WT_veg	OK	4,29178	2,92384	-0,553713	0,761495	0,446361	0,709535	no
AN9517	ChrVI_A_nidulans_FGSC_A4:2960205-2965474	WT_5hasex	WT_veg	OK	6,38557	10,4013	0,703876	-1,09809	0,272167	0,544708	no
AN9518	ChrVII_A_nidulans_FGSC_A4:4269362-4270191	WT_5hasex	WT_veg	NOTEST	0,00155959	0	-1.79769e+308	-1.79769e+308	0,49777	1	no
AN9521	ChrII_A_nidulans_FGSC_A4:1239356-1240346	WT_5hasex	WT_veg	OK	19,0515	5,98751	-1,66988	2,46579	0,013671	0,0665355	no
AN9522	ChrII_A_nidulans_FGSC_A4:1237849-1239041	WT_5hasex	WT_veg	OK	7,88507	9,17996	0,219363	-0,327684	0,743151	0,891991	no
AN9523	ChrVIII_A_nidulans_FGSC_A4:4621839-4623725	WT_5hasex	WT_veg	OK	46,9349	173,842	1,88904	-3,89967	9,6323E-05	0,0010604	yes
AN9524	ChrVI_A_nidulans_FGSC_A4:1453063-1454329	WT_5hasex	WT_veg	NOTEST	0,499153	0	-1.79769e+308	-1.79769e+308	0,0654719	1	no
AN9528	ChrI_A_nidulans_FGSC_A4:2499440-2501073	WT_5hasex	WT_veg	OK	24,7239	49,9095	1,01341	-1,97537	0,0482267	0,173201	no
AN9529	ChrI_A_nidulans_FGSC_A4:2498151-2499295	WT_5hasex	WT_veg	OK	10,4877	13,7664	0,392456	-0,6222	0,53381	0,772203	no
AN9531	ChrVI_A_nidulans_FGSC_A4:3303566-3304571	WT_5hasex	WT_veg	OK	3,18817	55,7622	4,12849	-5,17969	2,2225E-07	4,7908E-06	yes
AN9532	ChrVI_A_nidulans_FGSC_A4:3304823-3305579	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN9533	ChrII_A_nidulans_FGSC_A4:2129835-2130385	WT_5hasex	WT_veg	OK	9,28103	18,5655	1,00027	-1,31319	0,189118	0,439358	no
AN9535	ChrVII_A_nidulans_FGSC_A4:3339120-3340588	WT_5hasex	WT_veg	NOTEST	0	0,647034	1.79769e+308	1.79769e+308	0,123323	1	no
AN9538	ChrVII_A_nidulans_FGSC_A4:2978120-2980726	WT_5hasex	WT_veg	OK	115,166	206,126	0,839816	-1,66901	0,0951162	0,279482	no
AN9540	ChrVIII_A_nidulans_FGSC_A4:4462938-4464870	WT_5hasex	WT_veg	OK	3,40151	12,4777	1,87511	-2,81022	0,0049507	0,0295004	yes
BEST1	ChrVII_A_nidulans_FGSC_A4:3331678-3333709	WT_5hasex	WT_veg	OK	100,146	384,984	1,94269	-3,85808	0,00011428	0,00123348	yes
BEST2	ChrI_A_nidulans_FGSC_A4:3542878-3545548	WT_5hasex	WT_veg	OK	13,7662	14,7765	0,102176	-0,167922	0,866645	0,948839	no
CYP503B1	ChrVII_A_nidulans_FGSC_A4:1293395-1295101	WT_5hasex	WT_veg	NOTEST	1,37396	0,755478	-0,862883	0,741093	0,458637	1	no
CYP504E4P	ChrVII_A_nidulans_FGSC_A4:3635913-3637621	WT_5hasex	WT_veg	NOTEST	0	0,672264	1.79769e+308	1.79769e+308	0,123323	1	no
CYP505A8	ChrI_A_nidulans_FGSC_A4:3333781-3337144	WT_5hasex	WT_veg	OK	18,5463	219,424	3,56452	-7,33672	2,1894E-13	1,3233E-11	yes
CYP5073A1	ChrI_A_nidulans_FGSC_A4:887328-889100	WT_5hasex	WT_veg	OK	0,782679	6,62015	3,08037	-3,52987	0,00041577	0,00371474	yes
CYP5076A1	ChrVIII_A_nidulans_FGSC_A4:3015151-3017116	WT_5hasex	WT_veg	NOTEST	2,05021	1,96403	-0,0619504	0,0719715	0,942625	1	no
CYP5077A1	ChrI_A_nidulans_FGSC_A4:132652-134483	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP5078A3	ChrIV_A_nidulans_FGSC_A4:191590-193198	WT_5hasex	WT_veg	OK	2,26929	3,3801	0,574829	-0,733252	0,463405	0,722718	no
CYP5080B1	ChrIV_A_nidulans_FGSC_A4:2651566-2653308	WT_5hasex	WT_veg	OK	11,4886	10,0149	-0,198055	0,315627	0,752286	0,896884	no
CYP5080D1	ChrV_A_nidulans_FGSC_A4:2430184-2431885	WT_5hasex	WT_veg	OK	3,29473	2,03845	-0,692686	0,829609	0,40676	0,677114	no
CYP5095B1	ChrIV_A_nidulans_FGSC_A4:1089069-1090733	WT_5hasex	WT_veg	NOTEST	0,154846	1,04343	2,75244	-1,33302	0,182526	1	no
CYP5116B1	ChrII_A_nidulans_FGSC_A4:3456126-3457425	WT_5hasex	WT_veg	OK	6,55476	3,61146	-0,859962	1,16989	0,242046	0,508568	no
CYP5120B1	ChrV_A_nidulans_FGSC_A4:3114761-3116280	WT_5hasex	WT_veg	OK	170,063	367,383	1,11122	-2,10216	0,0355391	0,138226	no
CYP5125A1	ChrV_A_nidulans_FGSC_A4:481461-483182	WT_5hasex	WT_veg	OK	2,47211	0	-1.79769e+308	-1.79769e+308	0,015767	0,074354	no
CYP5128A1	ChrVII_A_nidulans_FGSC_A4:1665840-1667333	WT_5hasex	WT_veg	OK	38,8638	13,9012	-1,48322	2,88649	0,00389564	0,0242671	yes
CYP52G1	ChrI_A_nidulans_FGSC_A4:1393259-1394860	WT_5hasex	WT_veg	OK	31,7537	5,03015	-2,65825	4,83343	1,342E-06	2,3928E-05	yes
CYP52H1	ChrIV_A_nidulans_FGSC_A4:904298-906159	WT_5hasex	WT_veg	OK	5,38138	6,2514	0,216203	-0,306957	0,758876	0,900238	no
CYP530A3	ChrV_A_nidulans_FGSC_A4:216327-218077	WT_5hasex	WT_veg	NOTEST	0,539097	1,2315	1,1918	-1,08113	0,279641	1	no
CYP531D2	ChrV_A_nidulans_FGSC_A4:2039867-2041581	WT_5hasex	WT_veg	OK	12,7777	23,2284	0,862261	-1,28888	0,197441	0,451032	no
CYP532A4	ChrVII_A_nidulans_FGSC_A4:2942519-2944211	WT_5hasex	WT_veg	NOTEST	1,84624	2,92732	0,664989	-0,752858	0,451535	1	no
CYP535D1	ChrVIII_A_nidulans_FGSC_A4:206369-208205	WT_5hasex	WT_veg	OK	27,9138	14,0172	-0,993779	1,95735	0,0503059	0,178298	no
CYP537B1	ChrVII_A_nidulans_FGSC_A4:498809-500516	WT_5hasex	WT_veg	OK	47,1433	12,6057	-1,90297	3,70115	0,00021463	0,00211606	yes
CYP539A4P	ChrV_A_nidulans_FGSC_A4:2678849-2680020	WT_5hasex	WT_veg	OK	42,139	232,087	2,46144	-4,28134	1,8578E-05	0,00025058	yes
CYP539B2	ChrIII_A_nidulans_FGSC_A4:759108-760761	WT_5hasex	WT_veg	OK	4,2136	8,66216	1,03967	-1,51916	0,128722	0,343116	no
CYP539D1	ChrII_A_nidulans_FGSC_A4:2653389-2655115	WT_5hasex	WT_veg	OK	7,47538	12,5115	0,743039	-1,13326	0,257103	0,526947	no
CYP540A2	ChrVII_A_nidulans_FGSC_A4:433083-434805	WT_5hasex	WT_veg	NOTEST	1,06297	1,07672	0,0185497	-0,0161361	0,987126	1	no
CYP540B4	ChrII_A_nidulans_FGSC_A4:2848524-2850313	WT_5hasex	WT_veg	NOTEST	0,550851	0,521322	-0,0794851	0,0510184	0,959311	1	no
CYP540D1	ChrVI_A_nidulans_FGSC_A4:61237-62970	WT_5hasex	WT_veg	NOTEST	0,806153	0	-1.79769e+308	-1.79769e+308	0,0315813	1	no
CYP541B1	ChrII_A_nidulans_FGSC_A4:475133-476785	WT_5hasex	WT_veg	OK	48,1471	73,9017	0,618159	-1,27432	0,20255	0,458213	no
CYP547C1	ChrVII_A_nidulans_FGSC_A4:524079-527675	WT_5hasex	WT_veg	OK	14,2848	10,4566	-0,450059	0,789061	0,430076	0,696636	no

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CYP548C1	ChrII_A_nidulans_FGSC_A4:108630-110544	WT_5hasex	WT_veg	NOTEST	1,82916	1,60399	-0,189517	0,207044	0,835975	1	no
CYP548D1	ChrVII_A_nidulans_FGSC_A4:147870-149790	WT_5hasex	WT_veg	OK	15,0732	38,2478	1,34339	-2,41851	0,0155842	0,0736047	no
CYP548G2P	ChrVIII_A_nidulans_FGSC_A4:898859-899642	WT_5hasex	WT_veg	OK	4,70807	16,3185	1,7933	-2,41475	0,015746	0,0742752	no
CYP550B2	ChrVI_A_nidulans_FGSC_A4:81181-83032	WT_5hasex	WT_veg	OK	21,8227	40,4842	0,891532	-1,68959	0,0911073	0,271154	no
CYP552A2	ChrVII_A_nidulans_FGSC_A4:2671980-2673875	WT_5hasex	WT_veg	NOTEST	1,89207	0,114643	-4,04475	1,3539	0,175769	1	no
CYP566C1	ChrVII_A_nidulans_FGSC_A4:4519587-4521545	WT_5hasex	WT_veg	NOTEST	0,205935	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
CYP567C1	ChrVII_A_nidulans_FGSC_A4:1755115-1756545	WT_5hasex	WT_veg	NOTEST	1,44162	1,14762	-0,32904	0,301924	0,76271	1	no
CYP567D1	ChrVI_A_nidulans_FGSC_A4:1245110-1247166	WT_5hasex	WT_veg	NOTEST	0,151969	0,533558	1,81187	-0,797011	0,425445	1	no
CYP567E1	ChrVI_A_nidulans_FGSC_A4:1256764-1258780	WT_5hasex	WT_veg	OK	3,10465	0,663581	-2,22608	1,86189	0,0626183	0,208311	no
CYP56B1	ChrVI_A_nidulans_FGSC_A4:3087815-3089459	WT_5hasex	WT_veg	NOTEST	0,286441	0,533558	0,897405	-0,526321	0,598665	1	no
CYP573A3	ChrIV_A_nidulans_FGSC_A4:2654479-2656276	WT_5hasex	WT_veg	OK	26,7282	16,0824	-0,732882	1,42903	0,152996	0,384077	no
CYP578B1	ChrVIII_A_nidulans_FGSC_A4:1559900-1562442	WT_5hasex	WT_veg	OK	13,5453	17,3576	0,357769	-0,537668	0,590806	0,807328	no
CYP578C1	ChrVIII_A_nidulans_FGSC_A4:3491118-3492940	WT_5hasex	WT_veg	OK	23,6609	32,6741	0,465645	-0,90318	0,36643	0,641258	no
CYP584E1	ChrVIII_A_nidulans_FGSC_A4:471023-472611	WT_5hasex	WT_veg	OK	41,419	16,4473	-1,33244	2,62245	0,0087301	0,0468053	yes
CYP58C1	ChrV_A_nidulans_FGSC_A4:3044751-3046748	WT_5hasex	WT_veg	NOTEST	0,1084	0,737778	2,76682	-1,5672	0,117068	1	no
CYP58D1	ChrVIII_A_nidulans_FGSC_A4:250152-251953	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP59C1	ChrV_A_nidulans_FGSC_A4:1764712-1766510	WT_5hasex	WT_veg	OK	3,80034	4,5229	0,25112	-0,347627	0,728121	0,884835	no
CYP617D1	ChrVII_A_nidulans_FGSC_A4:2155379-2157105	WT_5hasex	WT_veg	NOTEST	1,3968	1,7001	0,283492	-0,311478	0,755438	1	no
CYP619B1	ChrIII_A_nidulans_FGSC_A4:171985-173944	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP619B2	ChrI_A_nidulans_FGSC_A4:1147810-1149756	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP61A1	ChrII_A_nidulans_FGSC_A4:2258813-2261165	WT_5hasex	WT_veg	OK	114,446	217,683	0,927567	-1,88862	0,0589426	0,199671	no
CYP620D1	ChrVI_A_nidulans_FGSC_A4:847092-848748	WT_5hasex	WT_veg	OK	4,44906	1,38882	-1,67964	1,82211	0,0684382	0,221951	no
CYP620E1	ChrVII_A_nidulans_FGSC_A4:1316521-1318592	WT_5hasex	WT_veg	OK	61,1261	165,062	1,43314	-2,85709	0,00427549	0,0262194	yes
CYP623B2	ChrII_A_nidulans_FGSC_A4:3981609-3983354	WT_5hasex	WT_veg	OK	25,347	47,4735	0,905307	-1,78484	0,0742876	0,234974	no
CYP62C1	ChrI_A_nidulans_FGSC_A4:260625-262493	WT_5hasex	WT_veg	NOTEST	1,20055	0,533558	-1,16998	0,809745	0,418087	1	no
CYP630B2	ChrI_A_nidulans_FGSC_A4:2084671-2086287	WT_5hasex	WT_veg	OK	8,23789	13,7305	0,737043	-1,07572	0,282053	0,555854	no
CYP630B3P	ChrVII_A_nidulans_FGSC_A4:3150071-3151605	WT_5hasex	WT_veg	NOTEST	0,718289	0,658224	-0,125985	0,0988847	0,92123	1	no
CYP631B1	ChrVI_A_nidulans_FGSC_A4:1408873-1411158	WT_5hasex	WT_veg	OK	48,2904	6,86906	-2,81355	4,60053	4,2143E-06	6,6277E-05	yes
CYP646A1	ChrVII_A_nidulans_FGSC_A4:4471549-4473815	WT_5hasex	WT_veg	OK	50,5839	133,412	1,39914	-2,90302	0,0036958	0,0232773	yes
CYP647A1	ChrII_A_nidulans_FGSC_A4:1273404-1275037	WT_5hasex	WT_veg	NOTEST	0,113502	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
CYP648A1	ChrVI_A_nidulans_FGSC_A4:1322768-1324417	WT_5hasex	WT_veg	NOTEST	0,443913	2,0456	2,20417	-2,10677	0,0351379	1	no
CYP649A1	ChrVI_A_nidulans_FGSC_A4:1329366-1331069	WT_5hasex	WT_veg	NOTEST	0,125866	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
CYP650A1	ChrVIII_A_nidulans_FGSC_A4:63021-64961	WT_5hasex	WT_veg	NOTEST	0,107978	0,385531	1,83611	-0,928533	0,353131	1	no
CYP650B1	ChrVIII_A_nidulans_FGSC_A4:57145-58996	WT_5hasex	WT_veg	NOTEST	0,726881	1,52815	1,072	-1,0446	0,296209	1	no
CYP651A1	ChrVIII_A_nidulans_FGSC_A4:66735-68843	WT_5hasex	WT_veg	OK	2,29075	0	-1.79769e+308	-1.79769e+308	0,0133822	0,0654889	no
CYP652A1	ChrII_A_nidulans_FGSC_A4:883117-884890	WT_5hasex	WT_veg	NOTEST	0,137281	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
CYP653A1	ChrII_A_nidulans_FGSC_A4:1052574-1054314	WT_5hasex	WT_veg	NOTEST	0,229668	0	-1.79769e+308	-1.79769e+308	0,137528	1	no
CYP654A1	ChrVI_A_nidulans_FGSC_A4:1261130-1262922	WT_5hasex	WT_veg	NOTEST	0,153879	0,530276	1,78494	-0,785167	0,432356	1	no
CYP656A1	ChrI_A_nidulans_FGSC_A4:543410-544854	WT_5hasex	WT_veg	NOTEST	0,967795	2,42963	1,32796	-1,26135	0,207181	1	no
CYP658A1	ChrV_A_nidulans_FGSC_A4:483818-485577	WT_5hasex	WT_veg	OK	3,76179	0	-1.79769e+308	-1.79769e+308	0,0317148	0,126709	no
CYP659A1	ChrVI_A_nidulans_FGSC_A4:1011275-1013229	WT_5hasex	WT_veg	OK	55,3239	157,849	1,51257	-2,74899	0,005978	0,0343825	yes
CYP65AC3P	ChrVIII_A_nidulans_FGSC_A4:3218573-3219108	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP65T1	ChrIV_A_nidulans_FGSC_A4:1819023-1820762	WT_5hasex	WT_veg	NOTEST	1,13072	0,53912	-1,06857	0,726783	0,467359	1	no
CYP65U1	ChrI_A_nidulans_FGSC_A4:75437-77092	WT_5hasex	WT_veg	NOTEST	1,89547	1,06932	-0,825862	0,77918	0,435874	1	no
CYP660A1	ChrII_A_nidulans_FGSC_A4:2034924-2036884	WT_5hasex	WT_veg	OK	4,42026	2,97428	-0,571593	0,808998	0,418516	0,687022	no
CYP661A1	ChrVII_A_nidulans_FGSC_A4:4509978-4511795	WT_5hasex	WT_veg	NOTEST	0,589999	1,02686	0,799457	-0,694687	0,487251	1	no
CYP662A1	ChrVI_A_nidulans_FGSC_A4:98528-100177	WT_5hasex	WT_veg	OK	3,38776	0	-1.79769e+308	-1.79769e+308	0,0113106	0,0574041	no
CYP663A1	ChrIV_A_nidulans_FGSC_A4:73729-75415	WT_5hasex	WT_veg	OK	11,5738	35,9052	1,63333	-2,81094	0,00493978	0,0294521	yes
CYP664A1	ChrVI_A_nidulans_FGSC_A4:50053-51895	WT_5hasex	WT_veg	OK	5,11278	1,29275	-1,98366	2,16929	0,0300608	0,121561	no
CYP665A1	ChrVI_A_nidulans_FGSC_A4:3016037-3017850	WT_5hasex	WT_veg	NOTEST	0,718197	0,501482	-0,518181	0,351185	0,725449	1	no
CYP666A1	ChrVII_A_nidulans_FGSC_A4:1788319-1792210	WT_5hasex	WT_veg	OK	6,67565	6,3835	-0,0645604	0,102201	0,918597	0,968916	no
CYP667A1	ChrVI_A_nidulans_FGSC_A4:1272152-1274033	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP669A1P	ChrVIII_A_nidulans_FGSC_A4:4907220-4908728	WT_5hasex	WT_veg	NOTEST	0,587171	0,538371	-0,12518	0,083273	0,933634	1	no

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CYP670A1	ChrIV_A_nidulans_FGSC_A4:1141922-1143753	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP671A1	ChrV_A_nidulans_FGSC_A4:167743-169625	WT_5hasex	WT_veg	OK	6,65041	21,2162	1,67365	-2,72567	0,00641711	0,0365153	yes
CYP671B1	ChrI_A_nidulans_FGSC_A4:1260781-1262670	WT_5hasex	WT_veg	NOTEST	1,79773	3,19393	0,829162	-0,976667	0,328734	1	no
CYP672A1	ChrI_A_nidulans_FGSC_A4:197544-199456	WT_5hasex	WT_veg	NOTEST	1,79198	0,59848	-1,58218	1,0783	0,280902	1	no
CYP673A1	ChrV_A_nidulans_FGSC_A4:2831850-2833734	WT_5hasex	WT_veg	NOTEST	0,978923	2,65683	1,44044	-1,57964	0,11419	1	no
CYP674A1	ChrII_A_nidulans_FGSC_A4:349011-350877	WT_5hasex	WT_veg	NOTEST	0,467788	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
CYP675A1	ChrIII_A_nidulans_FGSC_A4:1424667-1426737	WT_5hasex	WT_veg	NOTEST	1,10606	0,221301	-2,32136	1,41595	0,15679	1	no
CYP676A1	ChrVII_A_nidulans_FGSC_A4:320179-322083	WT_5hasex	WT_veg	NOTEST	0,108189	0,504417	2,22106	-1,14626	0,251686	1	no
CYP677A1	ChrIII_A_nidulans_FGSC_A4:3358478-3360613	WT_5hasex	WT_veg	OK	2,28004	3,99675	0,809772	-1,0469	0,295146	0,569941	no
CYP678A1	ChrI_A_nidulans_FGSC_A4:6072-8131	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP679A1	ChrVI_A_nidulans_FGSC_A4:38065-39794	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP680A1	ChrVIII_A_nidulans_FGSC_A4:3861640-3863671	WT_5hasex	WT_veg	NOTEST	1,55033	0,618085	-1,32669	1,09596	0,273094	1	no
CYP681A1	ChrII_A_nidulans_FGSC_A4:3623069-3624677	WT_5hasex	WT_veg	OK	1,14027	4,69545	2,04189	-2,52725	0,0114959	0,0581754	no
CYP682A1	ChrII_A_nidulans_FGSC_A4:261299-263016	WT_5hasex	WT_veg	NOTEST	0,578313	1,4464	1,32255	-1,14176	0,253552	1	no
CYP682B1	ChrV_A_nidulans_FGSC_A4:72945-74626	WT_5hasex	WT_veg	OK	9,29184	19,0678	1,0371	-1,52264	0,12785	0,341484	no
CYP682C1	ChrI_A_nidulans_FGSC_A4:3167247-3169167	WT_5hasex	WT_veg	OK	76,7579	73,9024	-0,0546934	0,113264	0,909821	0,965882	no
CYP682D1	ChrVII_A_nidulans_FGSC_A4:1906676-1908467	WT_5hasex	WT_veg	OK	38,5094	56,2027	0,545429	-1,12094	0,262313	0,533029	no
CYP683A1	ChrVII_A_nidulans_FGSC_A4:88690-90266	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
CYP684A1	ChrVIII_A_nidulans_FGSC_A4:4245981-4247788	WT_5hasex	WT_veg	NOTEST	0,116604	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
CYP686A1P	ChrV_A_nidulans_FGSC_A4:729198-731065	WT_5hasex	WT_veg	NOTEST	0,578556	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
CYP687A1	ChrVIII_A_nidulans_FGSC_A4:318368-322179	WT_5hasex	WT_veg	NOTEST	0,115225	0	-1.79769e+308	-1.79769e+308	0,254408	1	no
CaM	ChrVII_A_nidulans_FGSC_A4:2692567-2693750	WT_5hasex	WT_veg	OK	750,347	1724,31	1,20038	-2,23932	0,0251351	0,105885	no
FKBP2	ChrIII_A_nidulans_FGSC_A4:3319187-3319888	WT_5hasex	WT_veg	OK	44,0123	87,6521	0,993881	-1,65624	0,0976732	0,284548	no
FKBP3	ChrIV_A_nidulans_FGSC_A4:1211569-1212328	WT_5hasex	WT_veg	OK	10,7789	2,79062	-1,94956	1,2983	0,194185	0,446205	no
FKBP4	ChrV_A_nidulans_FGSC_A4:180153-180675	WT_5hasex	WT_veg	OK	195,202	179,978	-0,117147	0,240298	0,8101	0,923869	no
FKBP5	ChrII_A_nidulans_FGSC_A4:2691850-2693836	WT_5hasex	WT_veg	OK	72,5686	358,855	2,30598	-4,67758	2,9029E-06	4,767E-05	yes
H2A.X	ChrVI_A_nidulans_FGSC_A4:632475-633365	WT_5hasex	WT_veg	OK	4576,83	11345,9	1,30975	-1,60773	0,107895	0,305649	no
H2A.Z	ChrII_A_nidulans_FGSC_A4:575780-577193	WT_5hasex	WT_veg	OK	210,79	404,925	0,941844	-1,91227	0,0558413	0,19192	no
H2B	ChrVI_A_nidulans_FGSC_A4:631089-632089	WT_5hasex	WT_veg	OK	4037,98	9077,45	1,16865	-1,50061	0,133456	0,351496	no
H4.1	ChrVIII_A_nidulans_FGSC_A4:2628892-2629728	WT_5hasex	WT_veg	OK	3478,67	5326,04	0,614528	-0,931396	0,351649	0,627232	no
H4.2	ChrVII_A_nidulans_FGSC_A4:3917581-3918364	WT_5hasex	WT_veg	OK	770,165	2593,26	1,75153	-3,11025	0,00186926	0,013184	yes
I-AniI	Contig-mt197_A_nidulans_FGSC_A4:3141-5362	WT_5hasex	WT_veg	OK	5,23061	4,67032	-0,163456	0,18157	0,85592	0,94373	no
MAT1	ChrVI_A_nidulans_FGSC_A4:2908204-2910242	WT_5hasex	WT_veg	NOTEST	0,156824	0,708536	2,1757	-1,39971	0,161601	1	no
MAT2	ChrIII_A_nidulans_FGSC_A4:1148276-1150127	WT_5hasex	WT_veg	OK	1,94051	4,23725	1,1267	-1,48839	0,136647	0,35692	no
SpoC1-C1C	ChrIII_A_nidulans_FGSC_A4:29494-30960	WT_5hasex	WT_veg	OK	8,13267	22,855	1,49071	-2,36572	0,017995	0,0821478	no
SpoC1-C1D	ChrIII_A_nidulans_FGSC_A4:28510-29181	WT_5hasex	WT_veg	OK	18,728	5,01128	-1,90195	2,36922	0,0178258	0,0815671	no
URFA3	Contig-mt197_A_nidulans_FGSC_A4:1082-2180	WT_5hasex	WT_veg	OK	2,40665	11,0776	2,20255	-2,70673	0,00679501	0,0382503	yes
aatA	ChrVI_A_nidulans_FGSC_A4:3358549-3359836	WT_5hasex	WT_veg	OK	7,41088	7,9054	0,0931945	-0,124282	0,901092	0,961987	no
aatB	ChrI_A_nidulans_FGSC_A4:3125436-3126746	WT_5hasex	WT_veg	OK	21,052	101,988	2,27637	-3,78972	0,00015082	0,00156094	yes
abaA	ChrVIII_A_nidulans_FGSC_A4:3598379-3600871	WT_5hasex	WT_veg	OK	1,53871	8,79403	2,5148	-3,45081	0,0005589	0,00478948	yes
abfA	ChrVII_A_nidulans_FGSC_A4:4272722-4274649	WT_5hasex	WT_veg	NOTEST	0	3,66909	1.79769e+308	1.79769e+308	8,1777E-05	1	no
abfB	ChrVII_A_nidulans_FGSC_A4:1207187-1208714	WT_5hasex	WT_veg	OK	3,3836	2,12546	-0,670784	0,808462	0,418825	0,687183	no
abfC	ChrVIII_A_nidulans_FGSC_A4:972398-974351	WT_5hasex	WT_veg	OK	10,6266	28,5605	1,42635	-2,48824	0,0128378	0,0634407	no
abnA	ChrVII_A_nidulans_FGSC_A4:4257835-4258978	WT_5hasex	WT_veg	OK	1,88478	4,30041	1,19007	-1,28405	0,199124	0,453199	no
abnB	ChrI_A_nidulans_FGSC_A4:437663-438929	WT_5hasex	WT_veg	OK	34,8314	24,9728	-0,480032	0,949868	0,342179	0,61775	no
abnC	ChrII_A_nidulans_FGSC_A4:483953-485961	WT_5hasex	WT_veg	OK	45,0572	3,39757	-3,72918	5,16787	2,3678E-07	5,0519E-06	yes
abnD	ChrVI_A_nidulans_FGSC_A4:2021730-2022857	WT_5hasex	WT_veg	OK	45,2567	185,856	2,03798	-4,11527	3,8673E-05	0,00047898	yes
abpA	ChrVII_A_nidulans_FGSC_A4:598592-601226	WT_5hasex	WT_veg	OK	124,541	349,933	1,49046	-2,95558	0,00312086	0,0202076	yes
abxA	ChrVII_A_nidulans_FGSC_A4:2723383-2724685	WT_5hasex	WT_veg	OK	3,25477	9,02514	1,47139	-1,82707	0,067689	0,220145	no
accA	ChrI_A_nidulans_FGSC_A4:1174373-1181649	WT_5hasex	WT_veg	OK	81,2612	284,517	1,80788	-3,17357	0,00150579	0,0110297	yes
acdA	ChrVII_A_nidulans_FGSC_A4:3369401-3371029	WT_5hasex	WT_veg	OK	12,4767	35,213	1,49687	-2,40802	0,0160391	0,0753255	no
acdB	ChrI_A_nidulans_FGSC_A4:2573331-2575223	WT_5hasex	WT_veg	OK	84,4577	80,591	-0,0676088	0,134714	0,892838	0,959154	no
aciA	ChrI_A_nidulans_FGSC_A4:2370052-2371883	WT_5hasex	WT_veg	OK	614,163	126,051	-2,28461	4,11703	3,8379E-05	0,00047567	yes

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acIA	ChrVII_A_nidulans_FGSC_A4:3944250-3946168	WT_5hasex	WT_veg	OK	365,676	1252,41	1,77607	-3,12951	0,001751	0,0125093	yes
acIB	ChrVII_A_nidulans_FGSC_A4:3947632-3950242	WT_5hasex	WT_veg	OK	233,491	1162,8	2,31616	-4,15109	3,3089E-05	0,00041804	yes
acnA	ChrIV_A_nidulans_FGSC_A4:1107103-1108232	WT_5hasex	WT_veg	OK	3,92391	10,8235	1,46381	-1,95666	0,0503872	0,178477	no
acoA	ChrV_A_nidulans_FGSC_A4:2516425-2519673	WT_5hasex	WT_veg	OK	573,569	1271,91	1,14896	-1,75603	0,0790839	0,245783	no
acoB	ChrII_A_nidulans_FGSC_A4:3563778-3564898	WT_5hasex	WT_veg	OK	54,4977	68,2295	0,3242	-0,662219	0,507831	0,754783	no
acpA	ChrV_A_nidulans_FGSC_A4:1552331-1553876	WT_5hasex	WT_veg	OK	322,268	146,663	-1,13576	1,93254	0,053293	0,18562	no
acrB	ChrII_A_nidulans_FGSC_A4:3657648-3660761	WT_5hasex	WT_veg	OK	38,2284	74,3293	0,959288	-1,99432	0,0461168	0,167646	no
actA	ChrI_A_nidulans_FGSC_A4:2418664-2421406	WT_5hasex	WT_veg	OK	969,322	1316,17	0,441303	-0,712571	0,476111	0,732249	no
acuD	ChrV_A_nidulans_FGSC_A4:2141754-2143748	WT_5hasex	WT_veg	OK	161,922	262,166	0,695182	-1,28739	0,197959	0,45173	no
acuE	ChrI_A_nidulans_FGSC_A4:2741919-2743963	WT_5hasex	WT_veg	OK	180,656	747,546	2,04892	-3,76848	0,00016425	0,00168201	yes
acuF	ChrVII_A_nidulans_FGSC_A4:2254709-2257396	WT_5hasex	WT_veg	OK	96,3821	993,04	3,36502	-6,5792	4,73E-11	2,0434E-09	yes
acuG	ChrV_A_nidulans_FGSC_A4:2254173-2255661	WT_5hasex	WT_veg	OK	152,968	800,672	2,38798	-4,72889	2,2575E-06	3,8257E-05	yes
acuH	ChrV_A_nidulans_FGSC_A4:3056332-3057462	WT_5hasex	WT_veg	OK	40,2479	34,639	-0,216518	0,420625	0,674029	0,8547	no
acuJ	ChrI_A_nidulans_FGSC_A4:674979-677366	WT_5hasex	WT_veg	OK	32,9835	40,6438	0,301291	-0,627502	0,53033	0,769816	no
acuK	ChrIV_A_nidulans_FGSC_A4:1633968-1636138	WT_5hasex	WT_veg	OK	41,4066	108,693	1,39232	-2,89153	0,00383376	0,0239648	yes
acuL	ChrIV_A_nidulans_FGSC_A4:408927-410128	WT_5hasex	WT_veg	OK	32,5932	20,4172	-0,674788	1,20384	0,22865	0,491739	no
acuM	ChrI_A_nidulans_FGSC_A4:631666-634078	WT_5hasex	WT_veg	OK	44,3091	97,751	1,14151	-2,3666	0,0179524	0,0820035	no
acuN	ChrV_A_nidulans_FGSC_A4:1820152-1822350	WT_5hasex	WT_veg	OK	1036,65	2569,42	1,30952	-1,91903	0,0549802	0,189762	no
acvA	ChrVI_A_nidulans_FGSC_A4:3362470-3373783	WT_5hasex	WT_veg	NOTEST	0,159556	0,0689839	-1,20973	0,809966	0,417959	1	no
adb	ChrVIII_A_nidulans_FGSC_A4:2142205-2144157	WT_5hasex	WT_veg	OK	102,635	136,241	0,408635	-0,809709	0,418107	0,686915	no
adaB	ChrI_A_nidulans_FGSC_A4:1624847-1626867	WT_5hasex	WT_veg	OK	48,8469	104,854	1,10204	-2,2358	0,0253648	0,106602	no
afcA	ChrII_A_nidulans_FGSC_A4:906330-909031	WT_5hasex	WT_veg	NOTEST	0,171403	1,64154	3,25959	-2,35365	0,0185901	1	no
afcB	ChrI_A_nidulans_FGSC_A4:2804801-2807344	WT_5hasex	WT_veg	NOTEST	0,0705959	0	-1.79769e+308	-1.79769e+308	0,165569	1	no
afcC	ChrVI_A_nidulans_FGSC_A4:1808228-1810502	WT_5hasex	WT_veg	OK	5,34406	6,10798	0,192759	-0,302278	0,76244	0,902002	no
afIR	ChrIV_A_nidulans_FGSC_A4:2774855-2776157	WT_5hasex	WT_veg	OK	3,19752	5,65355	0,822203	-1,10557	0,268912	0,540734	no
afoA	ChrVIII_A_nidulans_FGSC_A4:1752487-1754354	WT_5hasex	WT_veg	NOTEST	0,385934	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
afoB	ChrVIII_A_nidulans_FGSC_A4:1746788-1748821	WT_5hasex	WT_veg	NOTEST	0,300945	0	-1.79769e+308	-1.79769e+308	0,0966285	1	no
afoC	ChrVIII_A_nidulans_FGSC_A4:1745510-1746404	WT_5hasex	WT_veg	NOTEST	0,720301	3,00546	2,06091	-1,87704	0,0605119	1	no
afoD	ChrVIII_A_nidulans_FGSC_A4:1743453-1744905	WT_5hasex	WT_veg	NOTEST	1,18627	1,38387	0,222275	-0,212473	0,831738	1	no
afoE	ChrVIII_A_nidulans_FGSC_A4:1734327-1742604	WT_5hasex	WT_veg	NOTEST	0,767892	0,102947	-2,899	2,03069	0,0422866	1	no
afoF	ChrVIII_A_nidulans_FGSC_A4:1731553-1733146	WT_5hasex	WT_veg	NOTEST	0,482714	0	-1.79769e+308	-1.79769e+308	0,0537957	1	no
afoG	ChrVIII_A_nidulans_FGSC_A4:1721736-1729785	WT_5hasex	WT_veg	NOTEST	0,0641172	0,20641	1,68673	-1,23155	0,218117	1	no
agaA	ChrVI_A_nidulans_FGSC_A4:2453810-2455322	WT_5hasex	WT_veg	OK	181,367	744,513	2,03738	-4,07907	4,5215E-05	0,00054885	yes
agdA	ChrVII_A_nidulans_FGSC_A4:2576599-2579917	WT_5hasex	WT_veg	OK	25,8634	41,9299	0,697069	-1,38586	0,165789	0,404304	no
agdB	ChrVII_A_nidulans_FGSC_A4:313948-317209	WT_5hasex	WT_veg	NOTEST	0,275939	0,502293	0,864177	-0,70862	0,47856	1	no
agdC	ChrIV_A_nidulans_FGSC_A4:238220-241162	WT_5hasex	WT_veg	OK	1,36467	4,72697	1,79237	-2,44817	0,0143582	0,069167	no
agdD	ChrIV_A_nidulans_FGSC_A4:1751350-1754004	WT_5hasex	WT_veg	OK	19,7457	16,5349	-0,256023	0,503384	0,614694	0,821657	no
agdE	ChrVIII_A_nidulans_FGSC_A4:2006879-2009840	WT_5hasex	WT_veg	OK	15,479	3,62821	-2,09298	3,21808	0,00129054	0,00969144	yes
agdF	ChrII_A_nidulans_FGSC_A4:3925504-3927352	WT_5hasex	WT_veg	NOTEST	0	0,458778	1.79769e+308	1.79769e+308	0,123323	1	no
agdG	ChrIII_A_nidulans_FGSC_A4:816338-818210	WT_5hasex	WT_veg	OK	37,8489	42,1714	0,156014	-0,302787	0,762053	0,901831	no
aglA	ChrVIII_A_nidulans_FGSC_A4:4837518-4838574	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
aglB	ChrIV_A_nidulans_FGSC_A4:2173225-2174998	WT_5hasex	WT_veg	OK	2,28345	7,34654	1,68585	-2,23963	0,0251151	0,10582	no
aglC	ChrII_A_nidulans_FGSC_A4:871577-873977	WT_5hasex	WT_veg	NOTEST	0,825249	0,868191	0,0731831	-0,0674737	0,946205	1	no
aglD	ChrIV_A_nidulans_FGSC_A4:845242-847457	WT_5hasex	WT_veg	NOTEST	0,118722	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
aglE	ChrV_A_nidulans_FGSC_A4:341736-344192	WT_5hasex	WT_veg	OK	2,67316	4,6291	0,792184	-0,953265	0,340456	0,616169	no
aglF	ChrII_A_nidulans_FGSC_A4:2815874-2818508	WT_5hasex	WT_veg	OK	9,18643	6,80589	-0,432721	0,705379	0,480574	0,735434	no
aglG	ChrVII_A_nidulans_FGSC_A4:73020-75288	WT_5hasex	WT_veg	NOTEST	0,52942	0,640042	0,273754	-0,239446	0,81076	1	no
agnB	ChrII_A_nidulans_FGSC_A4:3050135-3051774	WT_5hasex	WT_veg	OK	1,8103	6,67446	1,88243	-2,32326	0,020165	0,089719	no
agnC	ChrVII_A_nidulans_FGSC_A4:55370-57647	WT_5hasex	WT_veg	OK	4,19425	0	-1.79769e+308	-1.79769e+308	0,00826448	0,0447623	yes
agnD	ChrII_A_nidulans_FGSC_A4:1281708-1283194	WT_5hasex	WT_veg	OK	6,88198	6,36322	-0,113066	0,166966	0,867397	0,949242	no
agnE	ChrVII_A_nidulans_FGSC_A4:1324276-1325803	WT_5hasex	WT_veg	OK	32,0976	11,6832	-1,45803	2,26324	0,023621	0,101003	no
agsA	ChrI_A_nidulans_FGSC_A4:1910172-1918091	WT_5hasex	WT_veg	OK	21,7224	3,75727	-2,53143	3,89095	9,9852E-05	0,00109414	yes
agsB	ChrVI_A_nidulans_FGSC_A4:1170030-1177766	WT_5hasex	WT_veg	OK	58,5105	159,754	1,44909	-2,63959	0,00830052	0,044874	yes

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agtA	ChrI_A_nidulans_FGSC_A4:1207131-1209103	WT_5hasex	WT_veg	OK	25,9055	54,108	1,06258	-1,73216	0,0832453	0,254907	no
aguA	ChrVIII_A_nidulans_FGSC_A4:175217-177761	WT_5hasex	WT_veg	OK	2,88522	4,71848	0,709644	-1,06229	0,288105	0,562534	no
ahbB	ChrV_A_nidulans_FGSC_A4:1262159-1264052	WT_5hasex	WT_veg	OK	12,2227	42,0629	1,78299	-3,24559	0,00117209	0,00895464	yes
aiFA	ChrVI_A_nidulans_FGSC_A4:424963-426939	WT_5hasex	WT_veg	OK	102,194	405,263	1,98755	-3,92299	8,7459E-05	0,00097677	yes
alcA	ChrVII_A_nidulans_FGSC_A4:230912-232265	WT_5hasex	WT_veg	OK	114,26	84,447	-0,436199	0,853141	0,393581	0,66681	no
alcB	ChrII_A_nidulans_FGSC_A4:3216132-3217452	WT_5hasex	WT_veg	OK	16,8154	29,4388	0,807933	-1,30591	0,191582	0,442688	no
alcC	ChrVII_A_nidulans_FGSC_A4:3445133-3446641	WT_5hasex	WT_veg	OK	3863,4	456,66	-3,08068	3,91491	9,0436E-05	0,00100574	yes
alcM	ChrVII_A_nidulans_FGSC_A4:229514-230204	WT_5hasex	WT_veg	OK	24,1881	7,47152	-1,69482	2,41892	0,0155669	0,0735595	no
alcP	ChrVII_A_nidulans_FGSC_A4:238443-239561	WT_5hasex	WT_veg	NOTEST	0,76286	0,968478	0,3443	-0,260943	0,794136	1	no
alcR	ChrVII_A_nidulans_FGSC_A4:234656-237182	WT_5hasex	WT_veg	OK	5,61053	5,18852	-0,112812	0,178431	0,858384	0,944973	no
alcS	ChrVII_A_nidulans_FGSC_A4:227576-228763	WT_5hasex	WT_veg	OK	26,8738	9,93814	-1,43515	2,2609	0,0237652	0,101478	no
alcU	ChrVII_A_nidulans_FGSC_A4:225289-226718	WT_5hasex	WT_veg	OK	174,809	2663,78	3,92962	-5,62358	1,8704E-08	5,1023E-07	yes
aldA	ChrVIII_A_nidulans_FGSC_A4:3188613-3190392	WT_5hasex	WT_veg	OK	258,387	468,104	0,857297	-1,59531	0,110644	0,310466	no
alg8	ChrIV_A_nidulans_FGSC_A4:366314-368117	WT_5hasex	WT_veg	OK	22,8096	17,787	-0,358819	0,681089	0,495815	0,746623	no
alpA	ChrV_A_nidulans_FGSC_A4:2526429-2529667	WT_5hasex	WT_veg	OK	23,4065	45,6547	0,963854	-1,97406	0,048375	0,17352	no
amc-1	ChrVII_A_nidulans_FGSC_A4:571099-572825	WT_5hasex	WT_veg	OK	48,1902	172,546	1,84017	-3,83048	0,00012789	0,00136048	yes
amdA	ChrVII_A_nidulans_FGSC_A4:3396818-3399596	WT_5hasex	WT_veg	OK	9,54466	7,81397	-0,288638	0,516708	0,60536	0,816602	no
amdR	ChrII_A_nidulans_FGSC_A4:2278714-2281256	WT_5hasex	WT_veg	OK	11,5629	9,24854	-0,322211	0,582193	0,560436	0,789354	no
amdS	ChrIII_A_nidulans_FGSC_A4:2840150-2842070	WT_5hasex	WT_veg	OK	51,475	23,4605	-1,13364	2,23377	0,0254985	0,107091	no
amdX	ChrIV_A_nidulans_FGSC_A4:548934-552540	WT_5hasex	WT_veg	OK	58,2302	51,4023	-0,179936	0,370313	0,711149	0,87587	no
ampA	ChrVII_A_nidulans_FGSC_A4:4201708-4203333	WT_5hasex	WT_veg	OK	73,9937	158,788	1,10162	-2,29711	0,0216126	0,0944966	no
ampB	ChrIII_A_nidulans_FGSC_A4:2656967-2657908	WT_5hasex	WT_veg	OK	190,447	761,015	1,99853	-4,10965	3,9626E-05	0,00048892	yes
amyA	ChrVII_A_nidulans_FGSC_A4:2580067-2581974	WT_5hasex	WT_veg	OK	3,4425	11,9187	1,7917	-2,53881	0,0111231	0,0566556	no
amyB	ChrVI_A_nidulans_FGSC_A4:825066-827636	WT_5hasex	WT_veg	NOTEST	0,223065	0	-1.79769e+308	-1.79769e+308	0,107729	1	no
amyC	ChrIII_A_nidulans_FGSC_A4:1829546-1831162	WT_5hasex	WT_veg	NOTEST	0,79281	3,72757	2,23319	-2,57766	0,00994732	1	no
amyD	ChrVI_A_nidulans_FGSC_A4:1165346-1167187	WT_5hasex	WT_veg	OK	178,49	311,217	0,802072	-1,60374	0,10877	0,307183	no
amyE	ChrI_A_nidulans_FGSC_A4:532870-534730	WT_5hasex	WT_veg	OK	4,75918	9,30702	0,967606	-1,46994	0,141579	0,365057	no
amyF	ChrVI_A_nidulans_FGSC_A4:869076-870743	WT_5hasex	WT_veg	NOTEST	0,728107	1,05121	0,52983	-0,456001	0,648389	1	no
amyG	ChrVI_A_nidulans_FGSC_A4:1162612-1164648	WT_5hasex	WT_veg	OK	23,5236	81,1476	1,78644	-3,53343	0,0004102	0,00367379	yes
amyR	ChrVII_A_nidulans_FGSC_A4:2572869-2575087	WT_5hasex	WT_veg	OK	10,1554	11,5096	0,180595	-0,323563	0,746269	0,893524	no
an2	ChrIV_A_nidulans_FGSC_A4:690761-692096	WT_5hasex	WT_veg	OK	13,7402	20,6524	0,587904	-0,969588	0,332252	0,608658	no
anbH1	ChrIV_A_nidulans_FGSC_A4:2533731-2536136	WT_5hasex	WT_veg	OK	63,4293	129,467	1,02937	-2,13922	0,0324177	0,12882	no
ankA	ChrI_A_nidulans_FGSC_A4:2148419-2151678	WT_5hasex	WT_veg	OK	20,1926	34,4312	0,769891	-1,60727	0,107994	0,305638	no
antA	ChrVIII_A_nidulans_FGSC_A4:4121425-4122614	WT_5hasex	WT_veg	OK	24,8379	35,3824	0,510489	-0,918419	0,3584	0,633408	no
aoxA	ChrI_A_nidulans_FGSC_A4:3062350-3064608	WT_5hasex	WT_veg	OK	18,9244	27,2593	0,526499	-1,03726	0,299615	0,575087	no
aoxB	ChrI_A_nidulans_FGSC_A4:3097787-3100194	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
apdA	ChrV_A_nidulans_FGSC_A4:396315-408251	WT_5hasex	WT_veg	OK	10,4226	0,670061	-3,95928	7,44698	9,5479E-14	6,0646E-12	yes
apdB	ChrV_A_nidulans_FGSC_A4:387187-389151	WT_5hasex	WT_veg	NOTEST	0,571492	1,08503	0,924925	-0,75819	0,448337	1	no
apdC	ChrV_A_nidulans_FGSC_A4:389517-390678	WT_5hasex	WT_veg	NOTEST	0,166728	0,777348	2,22106	-1,14626	0,251686	1	no
apdD	ChrV_A_nidulans_FGSC_A4:391208-393045	WT_5hasex	WT_veg	NOTEST	0,259539	0,91109	1,81164	-1,28018	0,20048	1	no
apdE	ChrV_A_nidulans_FGSC_A4:394160-395840	WT_5hasex	WT_veg	NOTEST	1,51071	1,55886	0,0452691	-0,0473308	0,96225	1	no
apdF	ChrV_A_nidulans_FGSC_A4:409380-410739	WT_5hasex	WT_veg	OK	2,40896	1,09733	-1,13441	0,970725	0,331685	0,608045	no
apdG	ChrV_A_nidulans_FGSC_A4:419525-420919	WT_5hasex	WT_veg	OK	13,7691	26,4559	0,942153	-1,59969	0,109668	0,308637	no
apdR	ChrV_A_nidulans_FGSC_A4:411564-413853	WT_5hasex	WT_veg	NOTEST	1,17652	2,8643	1,28366	-1,63329	0,102408	1	no
apsA	ChrIV_A_nidulans_FGSC_A4:2611406-2616502	WT_5hasex	WT_veg	OK	69,7623	78,8411	0,176499	-0,35386	0,723444	0,882262	no
apsB	ChrVI_A_nidulans_FGSC_A4:724089-728862	WT_5hasex	WT_veg	OK	19,0718	37,988	0,994102	-2,03621	0,0417294	0,15556	no
aptA	ChrI_A_nidulans_FGSC_A4:1543569-1549115	WT_5hasex	WT_veg	NOTEST	2,00403	1,08806	-0,881139	1,21654	0,223778	1	no
aptB	ChrI_A_nidulans_FGSC_A4:1542140-1543137	WT_5hasex	WT_veg	OK	3,17165	3,33426	0,0721327	-0,0789439	0,937077	0,976451	no
aptC	ChrI_A_nidulans_FGSC_A4:1540741-1541995	WT_5hasex	WT_veg	OK	7,80165	5,59036	-0,480837	0,713473	0,475553	0,731906	no
apyA	ChrVI_A_nidulans_FGSC_A4:1294348-1295661	WT_5hasex	WT_veg	OK	284,887	96,8192	-1,55702	2,49062	0,0127522	0,0631188	no
arcA	ChrVIII_A_nidulans_FGSC_A4:4306001-4307855	WT_5hasex	WT_veg	OK	10,3121	35,0766	1,76617	-3,0768	0,00209235	0,0145088	yes
areA	ChrIII_A_nidulans_FGSC_A4:3191741-3194433	WT_5hasex	WT_veg	OK	59,6087	164,201	1,46187	-2,64644	0,00813451	0,0441908	yes
areB	ChrI_A_nidulans_FGSC_A4:864311-865664	WT_5hasex	WT_veg	OK	42,8431	72,7597	0,764078	-1,39245	0,163787	0,400914	no

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arfA	ChrVIII_A_nidulans_FGSC_A4:1442965-1444382	WT_5hasex	WT_veg	OK	914,449	1655,38	0,856191	-1,4767	0,139756	0,362082	no
arfB	ChrIII_A_nidulans_FGSC_A4:261901-263088	WT_5hasex	WT_veg	OK	63,4534	77,0112	0,279371	-0,558785	0,576309	0,798745	no
argB	ChrIII_A_nidulans_FGSC_A4:2132290-2133496	WT_5hasex	WT_veg	OK	347,14	761,397	1,13313	-2,16656	0,0302682	0,122121	no
arlA	ChrI_A_nidulans_FGSC_A4:1832725-1833650	WT_5hasex	WT_veg	OK	52,3398	176,856	1,7566	-3,40135	0,00067054	0,00558179	yes
aroC	ChrI_A_nidulans_FGSC_A4:3410479-3411544	WT_5hasex	WT_veg	OK	79,5876	154,437	0,956406	-1,93316	0,0532168	0,185441	no
aroF	ChrV_A_nidulans_FGSC_A4:1943483-1945040	WT_5hasex	WT_veg	OK	80,1942	135,11	0,752566	-1,54709	0,12184	0,331033	no
aroG	ChrVIII_A_nidulans_FGSC_A4:3813548-3815215	WT_5hasex	WT_veg	OK	83,3442	484,534	2,53944	-5,25391	1,489E-07	3,3331E-06	yes
aromA	ChrVIII_A_nidulans_FGSC_A4:2724599-2726364	WT_5hasex	WT_veg	OK	19,0918	74,9089	1,97218	-3,79692	0,00014651	0,00152417	yes
arp11	ChrVI_A_nidulans_FGSC_A4:1550335-1552009	WT_5hasex	WT_veg	OK	11,6315	11,5079	-0,0154203	0,0268991	0,97854	0,992466	no
artA	ChrIII_A_nidulans_FGSC_A4:1847230-1849582	WT_5hasex	WT_veg	OK	549,064	1106,94	1,01153	-1,72755	0,0840694	0,256724	no
asn1	Contig-mt197_A_nidulans_FGSC_A4:899-970	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
asp	Contig-mt188_A_nidulans_FGSC_A4:4668-4741	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
aspA	ChrIII_A_nidulans_FGSC_A4:1368340-1370066	WT_5hasex	WT_veg	OK	230,787	303,515	0,395207	-0,787632	0,430912	0,697462	no
aspB	ChrI_A_nidulans_FGSC_A4:2853509-2856393	WT_5hasex	WT_veg	OK	180,226	354,686	0,976733	-1,80729	0,0707178	0,227207	no
aspC	ChrII_A_nidulans_FGSC_A4:1046573-1048647	WT_5hasex	WT_veg	OK	171,615	265,413	0,62906	-1,23754	0,215885	0,475788	no
aspD	ChrVIII_A_nidulans_FGSC_A4:650496-653350	WT_5hasex	WT_veg	OK	176,141	191,212	0,118438	-0,234028	0,814963	0,925909	no
aspE	ChrIII_A_nidulans_FGSC_A4:931215-933505	WT_5hasex	WT_veg	OK	31,4674	32,9854	0,0679692	-0,139417	0,889121	0,958105	no
aspend1	ChrVII_A_nidulans_FGSC_A4:2016787-2018925	WT_5hasex	WT_veg	OK	3,56994	8,07699	1,17792	-1,54012	0,123531	0,333691	no
atfA	ChrVI_A_nidulans_FGSC_A4:2424360-2426194	WT_5hasex	WT_veg	OK	255,275	983,464	1,94582	-3,46402	0,00053217	0,00458668	yes
atgH	ChrV_A_nidulans_FGSC_A4:1239471-1240015	WT_5hasex	WT_veg	OK	634,431	1324,01	1,06138	-2,11341	0,0345659	0,135476	no
atmA	ChrVIII_A_nidulans_FGSC_A4:4781834-4790977	WT_5hasex	WT_veg	OK	6,34858	12,0382	0,923111	-1,76933	0,0768392	0,240879	no
atp20	ChrVIII_A_nidulans_FGSC_A4:2000923-2001981	WT_5hasex	WT_veg	OK	461,609	713,782	0,628813	-1,21726	0,223506	0,485443	no
atp8	Contig-mt188_A_nidulans_FGSC_A4:9819-9966	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
atrA	ChrVII_A_nidulans_FGSC_A4:406021-410660	WT_5hasex	WT_veg	OK	37,9445	1,91388	-4,30932	6,57896	4,7375E-11	2,0449E-09	yes
atrB	ChrV_A_nidulans_FGSC_A4:658670-663094	WT_5hasex	WT_veg	OK	42,9223	32,7117	-0,391917	0,745245	0,456124	0,717149	no
atrC	ChrII_A_nidulans_FGSC_A4:3625182-3629105	WT_5hasex	WT_veg	OK	6,70219	11,2161	0,742869	-1,3375	0,18106	0,427749	no
atrD	ChrVII_A_nidulans_FGSC_A4:3486263-3490718	WT_5hasex	WT_veg	OK	39,5537	90,2205	1,18964	-2,24384	0,0248427	0,104866	no
aurA	ChrIII_A_nidulans_FGSC_A4:350066-352204	WT_5hasex	WT_veg	OK	69,1968	99,5066	0,524087	-1,06948	0,284853	0,558807	no
ausA	ChrV_A_nidulans_FGSC_A4:307998-315732	WT_5hasex	WT_veg	NOTEST	0,193591	0	-1.79769e+308	-1.79769e+308	0,0299414	1	no
avaA	ChrVIII_A_nidulans_FGSC_A4:4649070-4650081	WT_5hasex	WT_veg	OK	244,388	476,365	0,962897	-1,9657	0,0493336	0,175946	no
avaB	ChrI_A_nidulans_FGSC_A4:2969555-2973439	WT_5hasex	WT_veg	OK	32,5258	52,9813	0,7039	-1,41254	0,15779	0,391977	no
awh11	ChrII_A_nidulans_FGSC_A4:3270516-3271154	WT_5hasex	WT_veg	OK	751,367	12668,8	4,07561	-6,58454	4,5628E-11	1,976E-09	yes
axeA	ChrI_A_nidulans_FGSC_A4:1279477-1280504	WT_5hasex	WT_veg	OK	6,35903	14,335	1,17266	-1,6512	0,098697	0,286644	no
axhA	ChrII_A_nidulans_FGSC_A4:206064-207499	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
axhB	ChrVI_A_nidulans_FGSC_A4:3319077-3320061	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
azgA	ChrV_A_nidulans_FGSC_A4:783049-785064	WT_5hasex	WT_veg	OK	71,5898	426,892	2,57605	-5,26659	1,3898E-07	3,1312E-06	yes
barA	ChrIII_A_nidulans_FGSC_A4:2364242-2366023	WT_5hasex	WT_veg	OK	27,5663	18,4215	-0,581515	1,1143	0,265152	0,536343	no
basA	ChrVIII_A_nidulans_FGSC_A4:2920872-2922620	WT_5hasex	WT_veg	OK	301,26	424,593	0,495069	-0,944283	0,345025	0,620387	no
bckA	ChrIII_A_nidulans_FGSC_A4:661193-668978	WT_5hasex	WT_veg	OK	19,5962	38,0584	0,95764	-1,91155	0,0559345	0,192151	no
bemA	ChrIV_A_nidulans_FGSC_A4:1256388-1258694	WT_5hasex	WT_veg	OK	44,5561	105,615	1,24512	-2,61593	0,0088986	0,0475287	yes
benA	ChrVIII_A_nidulans_FGSC_A4:1268092-1270275	WT_5hasex	WT_veg	OK	360,482	441,729	0,293232	-0,554461	0,579264	0,800616	no
bgIA	ChrII_A_nidulans_FGSC_A4:2078367-2081349	WT_5hasex	WT_veg	OK	23,9918	14,7003	-0,706689	1,28589	0,198482	0,452428	no
bgIB	ChrVIII_A_nidulans_FGSC_A4:2699712-2702436	WT_5hasex	WT_veg	OK	3,99394	1,95081	-1,03374	1,48427	0,137737	0,358678	no
bgIC	ChrVII_A_nidulans_FGSC_A4:1944564-1946421	WT_5hasex	WT_veg	NOTEST	0,0929579	0,866808	3,22106	-1,90802	0,056389	1	no
bgID	ChrII_A_nidulans_FGSC_A4:223094-225686	WT_5hasex	WT_veg	OK	20,5686	1,4123	-3,86432	5,44037	5,317E-08	1,3199E-06	yes
bgIE	ChrI_A_nidulans_FGSC_A4:2738617-2741777	WT_5hasex	WT_veg	OK	8,40634	19,1105	1,18482	-2,2203	0,0263987	0,109963	no
bgIF	ChrII_A_nidulans_FGSC_A4:2718196-2720894	WT_5hasex	WT_veg	OK	7,89608	7,57048	-0,0607519	0,102566	0,918307	0,968799	no
bgIG	ChrI_A_nidulans_FGSC_A4:1611902-1614420	WT_5hasex	WT_veg	NOTEST	1,71359	2,57839	0,589451	-0,786673	0,431473	1	no
bgIH	ChrII_A_nidulans_FGSC_A4:2723819-2726047	WT_5hasex	WT_veg	OK	1,14562	5,7001	2,31486	-3,00431	0,00266182	0,0176922	yes
bgII	ChrVII_A_nidulans_FGSC_A4:3261604-3264227	WT_5hasex	WT_veg	OK	2,65631	5,13824	0,951853	-1,40415	0,160273	0,395752	no
bgIJ	ChrII_A_nidulans_FGSC_A4:54215-56941	WT_5hasex	WT_veg	OK	8,45984	2,03641	-2,0546	3,17938	0,00147592	0,0108412	yes
bgIK	ChrVII_A_nidulans_FGSC_A4:4529914-4532605	WT_5hasex	WT_veg	OK	2,83487	0,465157	-2,60749	2,31366	0,0206865	0,0914935	no
bgIL	ChrVI_A_nidulans_FGSC_A4:2665364-2668923	WT_5hasex	WT_veg	NOTEST	1,42	1,81115	0,351018	-0,42974	0,667385	1	no

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bgIM	ChrIV_A_nidulans_FGSC_A4:82957-85625	WT_5hasex	WT_veg	NOTEST	0,101796	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
bgIN	ChrII_A_nidulans_FGSC_A4:2542048-2544734	WT_5hasex	WT_veg	NOTEST	0,307281	0	-1.79769e+308	-1.79769e+308	0,0908325	1	no
bgIO	ChrVIII_A_nidulans_FGSC_A4:3430463-3432883	WT_5hasex	WT_veg	NOTEST	0,126681	0,521717	2,04206	-0,859018	0,390311	1	no
bgIQ	ChrVIII_A_nidulans_FGSC_A4:2401945-2403040	WT_5hasex	WT_veg	OK	23,2909	57,9289	1,31452	-2,40579	0,0161374	0,075699	no
bgIR	ChrVI_A_nidulans_FGSC_A4:170787-172822	WT_5hasex	WT_veg	NOTEST	0,368283	0	-1.79769e+308	-1.79769e+308	0,0687549	1	no
biA	ChrI_A_nidulans_FGSC_A4:2716544-2719138	WT_5hasex	WT_veg	OK	78,0525	154,535	0,985416	-1,94319	0,0519929	0,182402	no
bimA	ChrI_A_nidulans_FGSC_A4:1113452-1116672	WT_5hasex	WT_veg	OK	17,6574	36,5382	1,04913	-2,14171	0,032217	0,128237	no
bimB	ChrIII_A_nidulans_FGSC_A4:2813222-2819427	WT_5hasex	WT_veg	OK	7,65661	9,86398	0,365464	-0,735774	0,461868	0,72169	no
bimC	ChrVI_A_nidulans_FGSC_A4:953139-957343	WT_5hasex	WT_veg	OK	23,5899	36,5715	0,632554	-1,3213	0,186402	0,43554	no
bimD	ChrIV_A_nidulans_FGSC_A4:383169-388166	WT_5hasex	WT_veg	OK	7,78229	15,5955	1,00286	-1,9543	0,050666	0,17924	no
bimE	ChrVI_A_nidulans_FGSC_A4:2842356-2851019	WT_5hasex	WT_veg	OK	5,3748	7,71786	0,52199	-1,02347	0,306087	0,58223	no
bimG	ChrVIII_A_nidulans_FGSC_A4:3641437-3644201	WT_5hasex	WT_veg	OK	68,0884	209,422	1,62093	-3,2922	0,00099406	0,00781204	yes
binA	ChrIV_A_nidulans_FGSC_A4:2208577-2210525	WT_5hasex	WT_veg	OK	37,3202	45,7271	0,29309	-0,551059	0,581593	0,802066	no
bioB	ChrI_A_nidulans_FGSC_A4:2714352-2715631	WT_5hasex	WT_veg	OK	153,693	134,698	-0,190331	0,3929	0,694393	0,866165	no
bioF	ChrI_A_nidulans_FGSC_A4:2719846-2721201	WT_5hasex	WT_veg	OK	61,4851	162,598	1,403	-2,87165	0,00408333	0,0252061	yes
bpA	ChrVII_A_nidulans_FGSC_A4:2727821-2730312	WT_5hasex	WT_veg	OK	254,922	370,502	0,539429	-0,994984	0,319744	0,595896	no
bnfA	ChrVI_A_nidulans_FGSC_A4:1456343-1458359	WT_5hasex	WT_veg	OK	20,4618	28,4975	0,477898	-0,808775	0,418644	0,687074	no
bop1	ChrVIII_A_nidulans_FGSC_A4:729845-732391	WT_5hasex	WT_veg	OK	14,9778	75,943	2,34209	-4,54423	5,5138E-06	8,4483E-05	yes
breB	ChrIV_A_nidulans_FGSC_A4:936827-939784	WT_5hasex	WT_veg	OK	28,8358	63,3572	1,13565	-2,28136	0,0225274	0,0973913	no
brlA	ChrVIII_A_nidulans_FGSC_A4:1924899-1926301	WT_5hasex	WT_veg	OK	25,2207	5,59762	-2,17172	3,21334	0,00131203	0,00982681	yes
brr6	ChrIV_A_nidulans_FGSC_A4:754488-756133	WT_5hasex	WT_veg	OK	19,6442	32,0288	0,70527	-1,34334	0,179162	0,424875	no
btgA	ChrVIII_A_nidulans_FGSC_A4:1362706-1364403	WT_5hasex	WT_veg	OK	376,145	443,992	0,239243	-0,454248	0,64965	0,841324	no
btgC	ChrIII_A_nidulans_FGSC_A4:1251259-1253627	WT_5hasex	WT_veg	OK	49,709	81,7549	0,717798	-1,49701	0,134389	0,353161	no
btgD	ChrII_A_nidulans_FGSC_A4:3265092-3266242	WT_5hasex	WT_veg	OK	4,30052	2,77762	-0,630661	0,687338	0,491869	0,743887	no
btgE	ChrVII_A_nidulans_FGSC_A4:1139281-1141162	WT_5hasex	WT_veg	OK	658,55	933,161	0,502834	-0,882748	0,377372	0,652083	no
bubA	ChrVIII_A_nidulans_FGSC_A4:4046762-4048390	WT_5hasex	WT_veg	OK	19,5555	29,1278	0,574827	-1,06722	0,285873	0,560087	no
bud3	ChrVIII_A_nidulans_FGSC_A4:4569067-4573784	WT_5hasex	WT_veg	OK	44,035	72,3345	0,716035	-1,44491	0,148483	0,37643	no
budA	ChrVIII_A_nidulans_FGSC_A4:827019-830128	WT_5hasex	WT_veg	OK	10,6265	20,1033	0,919762	-1,72405	0,0846982	0,258089	no
bxIA	ChrIII_A_nidulans_FGSC_A4:1828140-1829481	WT_5hasex	WT_veg	OK	349,895	714,247	1,0295	-1,74911	0,0802721	0,248269	no
bxIB	ChrV_A_nidulans_FGSC_A4:368796-371088	WT_5hasex	WT_veg	NOTEST	0,0994578	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
bxIC	ChrVII_A_nidulans_FGSC_A4:3228983-3231857	WT_5hasex	WT_veg	OK	3,11832	6,59418	1,08042	-1,6296	0,103186	0,29612	no
bxID	ChrII_A_nidulans_FGSC_A4:52204-53848	WT_5hasex	WT_veg	NOTEST	0,122041	2,95165	4,59609	-2,21977	0,0264341	1	no
byrA	ChrII_A_nidulans_FGSC_A4:1493722-1496699	WT_5hasex	WT_veg	OK	20,1953	22,8046	0,175304	-0,351339	0,725334	0,883249	no
bzuA	ChrIV_A_nidulans_FGSC_A4:2063112-2065196	WT_5hasex	WT_veg	OK	15,3373	17,6002	0,198543	-0,361887	0,717437	0,878863	no
caf1	ChrIV_A_nidulans_FGSC_A4:2190837-2192883	WT_5hasex	WT_veg	OK	48,3705	82,7852	0,775247	-1,60113	0,109347	0,308115	no
calA	ChrIV_A_nidulans_FGSC_A4:2158195-2159099	WT_5hasex	WT_veg	OK	524,346	1292,43	1,3015	-2,50828	0,0121322	0,0606979	no
canA	ChrV_A_nidulans_FGSC_A4:2218523-2219575	WT_5hasex	WT_veg	OK	756,569	315,582	-1,26146	2,43465	0,014906	0,0711852	no
canB	ChrVII_A_nidulans_FGSC_A4:1948210-1949191	WT_5hasex	WT_veg	OK	628,741	671,032	0,0939158	-0,177259	0,859305	0,945397	no
candA-C	ChrVII_A_nidulans_FGSC_A4:3999233-4002487	WT_5hasex	WT_veg	OK	23,156	37,5655	0,69802	-1,40869	0,158926	0,393915	no
candA-N	ChrVIII_A_nidulans_FGSC_A4:4020696-4021776	WT_5hasex	WT_veg	OK	54,3221	84,6416	0,639827	-1,27978	0,200621	0,455295	no
capA	ChrVIII_A_nidulans_FGSC_A4:1841136-1843107	WT_5hasex	WT_veg	OK	60,7748	88,3513	0,53978	-1,12219	0,261781	0,532422	no
carC	ChrIII_A_nidulans_FGSC_A4:2789388-2790299	WT_5hasex	WT_veg	OK	227,675	645,95	1,50445	-3,13589	0,00171336	0,0122722	yes
casA	ChrV_A_nidulans_FGSC_A4:1916050-1917816	WT_5hasex	WT_veg	OK	94,3336	420,592	2,15658	-4,41951	9,8923E-06	0,00014272	yes
catA	ChrIII_A_nidulans_FGSC_A4:3296323-3298751	WT_5hasex	WT_veg	OK	29,8535	268,985	3,17155	-6,67107	2,5395E-11	1,1316E-09	yes
catB	ChrVIII_A_nidulans_FGSC_A4:329543-332021	WT_5hasex	WT_veg	OK	48,3392	45,0482	-0,101725	0,198199	0,842889	0,937811	no
catC	ChrI_A_nidulans_FGSC_A4:1815929-1817926	WT_5hasex	WT_veg	OK	7,29334	26,9884	1,88769	-3,18819	0,00143164	0,0105604	yes
cbhA	ChrV_A_nidulans_FGSC_A4:1404519-1406211	WT_5hasex	WT_veg	OK	2,08482	2,79492	0,422883	-0,507285	0,611955	0,820019	no
cbhB	ChrVIII_A_nidulans_FGSC_A4:3378663-3381196	WT_5hasex	WT_veg	OK	20,4172	16,0185	-0,350051	0,652396	0,514146	0,758811	no
cbhC	ChrV_A_nidulans_FGSC_A4:3274475-3276287	WT_5hasex	WT_veg	NOTEST	0,161044	0,981114	2,60696	-1,17132	0,241472	1	no
cbhD	ChrVIII_A_nidulans_FGSC_A4:983094-984535	WT_5hasex	WT_veg	OK	4,35354	8,13193	0,90141	-1,25923	0,207947	0,465298	no
ccIA	ChrVIII_A_nidulans_FGSC_A4:516949-518773	WT_5hasex	WT_veg	OK	15,6379	20,8917	0,417878	-0,77991	0,435444	0,700877	no
ccp1	ChrVII_A_nidulans_FGSC_A4:1415977-1417413	WT_5hasex	WT_veg	OK	124,419	387,339	1,63839	-3,37782	0,00073064	0,00601147	yes
ccr4	ChrII_A_nidulans_FGSC_A4:3642728-3644808	WT_5hasex	WT_veg	OK	77,5075	131,964	0,767732	-1,58865	0,11214	0,313054	no

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cct1	ChrVII_A_nidulans_FGSC_A4:3034399-3036518	WT_5hasex	WT_veg	OK	118,729	204,354	0,783397	-1,54804	0,121612	0,330659	no
cct4	ChrVI_A_nidulans_FGSC_A4:2400776-2402743	WT_5hasex	WT_veg	OK	71,8038	96,5698	0,427511	-0,886221	0,375499	0,650196	no
cct7	ChrV_A_nidulans_FGSC_A4:1912946-1915153	WT_5hasex	WT_veg	OK	123,768	175,053	0,50001	-1,00275	0,31598	0,592202	no
cdc31	ChrV_A_nidulans_FGSC_A4:2197375-2198202	WT_5hasex	WT_veg	OK	57,7612	130,478	1,17563	-2,32704	0,0199633	0,0890541	no
cdc37	ChrVII_A_nidulans_FGSC_A4:2699868-2701488	WT_5hasex	WT_veg	OK	156,826	399,9	1,35048	-2,64466	0,0081774	0,044364	yes
celA	ChrV_A_nidulans_FGSC_A4:500362-502593	WT_5hasex	WT_veg	OK	8,91681	10,9278	0,293404	-0,500001	0,617074	0,822986	no
cetA	ChrVI_A_nidulans_FGSC_A4:1911048-1912161	WT_5hasex	WT_veg	OK	407,736	206,516	-0,981379	1,92104	0,0547261	0,189218	no
cetJ	ChrIII_A_nidulans_FGSC_A4:3294885-3295801	WT_5hasex	WT_veg	OK	96,9783	446,831	2,204	-4,46211	8,1158E-06	0,0001195	yes
cetL	ChrVI_A_nidulans_FGSC_A4:148261-149491	WT_5hasex	WT_veg	OK	0,835408	4,99653	2,58038	-2,79918	0,00512321	0,030318	yes
cgrA	ChrVII_A_nidulans_FGSC_A4:570170-570880	WT_5hasex	WT_veg	OK	50,9397	338,544	2,73248	-5,1779	2,244E-07	4,8292E-06	yes
chiA	ChrII_A_nidulans_FGSC_A4:1246858-1249793	WT_5hasex	WT_veg	OK	47,9263	17,0318	-1,49259	3,02756	0,00246539	0,0166141	yes
chiB	ChrIII_A_nidulans_FGSC_A4:717479-719588	WT_5hasex	WT_veg	OK	39,1291	137,227	1,81025	-3,75775	0,00017145	0,0017445	yes
chiC	ChrVIII_A_nidulans_FGSC_A4:494852-498525	WT_5hasex	WT_veg	OK	2,0707	3,815	0,881563	-1,30913	0,19049	0,441371	no
chkA	ChrV_A_nidulans_FGSC_A4:2614750-2616533	WT_5hasex	WT_veg	OK	14,7085	18,1418	0,302666	-0,552443	0,580645	0,801403	no
chkB	ChrII_A_nidulans_FGSC_A4:1524257-1526512	WT_5hasex	WT_veg	OK	33,6376	79,2251	1,23588	-2,53419	0,0112706	0,0572402	no
choC	ChrVIII_A_nidulans_FGSC_A4:696095-697268	WT_5hasex	WT_veg	OK	376,914	952,525	1,33752	-2,65635	0,00789926	0,0431319	yes
chpA	ChrVIII_A_nidulans_FGSC_A4:1403747-1404946	WT_5hasex	WT_veg	OK	106,089	533,34	2,32979	-4,54545	5,4818E-06	8,4067E-05	yes
chsA	ChrIV_A_nidulans_FGSC_A4:1248665-1251850	WT_5hasex	WT_veg	OK	35,6496	47,8016	0,423171	-0,874346	0,38193	0,656065	no
chsB	ChrVII_A_nidulans_FGSC_A4:4223814-4227305	WT_5hasex	WT_veg	OK	105,676	346,971	1,71517	-3,35747	0,00078659	0,00640041	yes
chsC	ChrIII_A_nidulans_FGSC_A4:1642519-1646026	WT_5hasex	WT_veg	OK	41,8666	86,5446	1,04764	-2,19364	0,0282616	0,115809	no
chsD	ChrVII_A_nidulans_FGSC_A4:1154660-1158520	WT_5hasex	WT_veg	OK	62,0368	90,5043	0,544861	-1,09357	0,274145	0,546898	no
chsF	ChrIII_A_nidulans_FGSC_A4:2260755-2263802	WT_5hasex	WT_veg	OK	15,8979	5,21132	-1,60911	3,05374	0,00226008	0,0154693	yes
chsG	ChrVIII_A_nidulans_FGSC_A4:1687242-1689561	WT_5hasex	WT_veg	OK	1,93002	7,16687	1,89273	-2,33105	0,0197507	0,0882707	no
cipB	ChrII_A_nidulans_FGSC_A4:167354-168507	WT_5hasex	WT_veg	OK	53,2531	8,22692	-2,69444	4,89833	9,6653E-07	1,7765E-05	yes
cipC	ChrII_A_nidulans_FGSC_A4:271591-272242	WT_5hasex	WT_veg	OK	4788,49	7786,37	0,701378	-0,991114	0,32163	0,597941	no
citA	ChrII_A_nidulans_FGSC_A4:1352647-1354784	WT_5hasex	WT_veg	OK	733,294	1742,47	1,24867	-1,97779	0,0479529	0,172584	no
clcA	ChrI_A_nidulans_FGSC_A4:1233062-1235849	WT_5hasex	WT_veg	OK	43,1051	40,5196	-0,0892396	0,180457	0,856794	0,944189	no
clipA	ChrVII_A_nidulans_FGSC_A4:891748-895216	WT_5hasex	WT_veg	OK	43,7528	77,0367	0,816169	-1,69113	0,0908117	0,270621	no
clrD	ChrVIII_A_nidulans_FGSC_A4:1312711-1314473	WT_5hasex	WT_veg	OK	2,33179	4,86336	1,06052	-1,42621	0,153809	0,385375	no
clxA	ChrII_A_nidulans_FGSC_A4:3667524-3669682	WT_5hasex	WT_veg	OK	94,7666	100,924	0,0908143	-0,181465	0,856003	0,943746	no
cmkA	ChrVII_A_nidulans_FGSC_A4:3847422-3849793	WT_5hasex	WT_veg	OK	94,7192	216,411	1,19205	-2,44857	0,0143424	0,0691288	no
cmkB	ChrVI_A_nidulans_FGSC_A4:1961441-1963021	WT_5hasex	WT_veg	OK	58,2836	74,668	0,3574	-0,72905	0,465971	0,724758	no
cmkC	ChrIII_A_nidulans_FGSC_A4:2671947-2674771	WT_5hasex	WT_veg	OK	34,6506	57,5396	0,731676	-1,45749	0,144981	0,370908	no
cnaA	ChrIII_A_nidulans_FGSC_A4:2697176-2699309	WT_5hasex	WT_veg	OK	68,6714	104,081	0,599925	-1,22549	0,220391	0,481849	no
cntA	ChrV_A_nidulans_FGSC_A4:2617040-2619026	WT_5hasex	WT_veg	OK	45,7219	70,2419	0,619446	-1,14535	0,252062	0,520905	no
cnxABC	ChrVIII_A_nidulans_FGSC_A4:19886561-1988844	WT_5hasex	WT_veg	OK	46,9943	79,7532	0,763058	-1,58774	0,112345	0,313409	no
cnxE	ChrII_A_nidulans_FGSC_A4:3081424-3083646	WT_5hasex	WT_veg	OK	37,71	45,3994	0,267728	-0,534009	0,593336	0,808949	no
cnxF	ChrVII_A_nidulans_FGSC_A4:3571273-3573104	WT_5hasex	WT_veg	OK	13,0951	22,8308	0,801952	-1,45252	0,146356	0,373205	no
cnxG	ChrVI_A_nidulans_FGSC_A4:318118-318394	WT_5hasex	WT_veg	OK	13,9315	24,8245	0,833414	-1,04835	0,294479	0,569252	no
cnxH	ChrIII_A_nidulans_FGSC_A4:818467-820139	WT_5hasex	WT_veg	OK	99,0658	224,595	1,18087	-2,28556	0,0222802	0,0966174	no
coaT	ChrVII_A_nidulans_FGSC_A4:1129711-1131512	WT_5hasex	WT_veg	OK	171,739	209,496	0,286704	-0,560967	0,57482	0,798072	no
cobA	Contig-mt197_A_nidulans_FGSC_A4:3141-5362	WT_5hasex	WT_veg	OK	246,324	96,3969	-1,3535	2,34212	0,0191743	0,0861653	no
codA	ChrVII_A_nidulans_FGSC_A4:755021-756749	WT_5hasex	WT_veg	OK	48,1501	257,735	2,42028	-5,03282	4,8332E-07	9,5826E-06	yes
conJ	ChrIII_A_nidulans_FGSC_A4:275209-275802	WT_5hasex	WT_veg	OK	179,383	24,975	-2,84449	5,43688	5,4222E-08	1,3434E-06	yes
copA	ChrVI_A_nidulans_FGSC_A4:2068222-2072256	WT_5hasex	WT_veg	OK	59,403	75,7155	0,350053	-0,709912	0,477759	0,733383	no
cotA	ChrV_A_nidulans_FGSC_A4:2496911-2499028	WT_5hasex	WT_veg	OK	57,659	65,0389	0,173757	-0,344645	0,730362	0,885895	no
cpa	ChrVII_A_nidulans_FGSC_A4:3302661-3304455	WT_5hasex	WT_veg	OK	156,229	554,509	1,82755	-3,63564	0,0002773	0,00263805	yes
cpcA	ChrII_A_nidulans_FGSC_A4:3405001-3407450	WT_5hasex	WT_veg	OK	372,855	2705,88	2,85941	-4,73493	2,1913E-06	3,7209E-05	yes
cpcB	ChrII_A_nidulans_FGSC_A4:1903519-1905263	WT_5hasex	WT_veg	OK	738,278	973,628	0,399207	-0,695512	0,486734	0,740507	no
cpeA	ChrIV_A_nidulans_FGSC_A4:112305-114525	WT_5hasex	WT_veg	OK	7,20667	49,1011	2,76835	-4,32186	1,5472E-05	0,00021308	yes
cpyA	ChrV_A_nidulans_FGSC_A4:2802941-2805294	WT_5hasex	WT_veg	OK	545,351	743,016	0,446208	-0,772088	0,440062	0,704193	yes
creA	ChrI_A_nidulans_FGSC_A4:966618-968620	WT_5hasex	WT_veg	OK	101,153	310,737	1,61916	-3,3329	0,00085944	0,00691275	yes
creB	ChrII_A_nidulans_FGSC_A4:3679809-3682423	WT_5hasex	WT_veg	OK	10,2034	13,3782	0,39084	-0,715667	0,474197	0,731005	no

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creC	ChrII_A_nidulans_FGSC_A4:1898027-1900402	WT_5hasex	WT_veg	OK	20,1592	22,4664	0,156328	-0,306173	0,759473	0,900446	no
creD	ChrII_A_nidulans_FGSC_A4:1877979-1880454	WT_5hasex	WT_veg	OK	236,059	675,658	1,51715	-2,83639	0,00456262	0,0276437	yes
crhA	ChrII_A_nidulans_FGSC_A4:2661653-2663255	WT_5hasex	WT_veg	OK	41,223	61,5671	0,57871	-1,13716	0,255472	0,524805	no
crhB	ChrIII_A_nidulans_FGSC_A4:1803522-1805828	WT_5hasex	WT_veg	OK	419,751	406,411	-0,046593	0,0805025	0,935838	0,975877	no
crhC	ChrVIII_A_nidulans_FGSC_A4:2023796-2025711	WT_5hasex	WT_veg	OK	67,8334	273,839	2,01326	-4,08908	4,3308E-05	0,000529	yes
crhD	ChrVI_A_nidulans_FGSC_A4:1990831-1992679	WT_5hasex	WT_veg	OK	426,938	901,421	1,07818	-1,93075	0,0535144	0,186144	no
crhE	ChrI_A_nidulans_FGSC_A4:3663123-3664563	WT_5hasex	WT_veg	NOTEST	0,720049	2,45893	1,77187	-1,7357	0,0826166	1	no
crnA	ChrVIII_A_nidulans_FGSC_A4:1815134-1816965	WT_5hasex	WT_veg	OK	19,3652	54,3935	1,48996	-2,47054	0,0134909	0,065904	no
cryA	ChrVIII_A_nidulans_FGSC_A4:3712565-3714315	WT_5hasex	WT_veg	OK	21,7666	51,1735	1,23328	-2,26492	0,0235176	0,100725	no
crzA	ChrV_A_nidulans_FGSC_A4:1881811-1884192	WT_5hasex	WT_veg	OK	25,31	28,4707	0,169773	-0,346405	0,729038	0,885294	no
cse1	ChrI_A_nidulans_FGSC_A4:2563237-2566607	WT_5hasex	WT_veg	OK	35,0908	57,1346	0,703274	-1,46178	0,143801	0,368979	no
csHA	ChrIV_A_nidulans_FGSC_A4:1009821-1013558	WT_5hasex	WT_veg	OK	41,2855	71,6821	0,795979	-1,65	0,098942	0,287137	no
csmA	ChrI_A_nidulans_FGSC_A4:552894-559048	WT_5hasex	WT_veg	OK	102,038	140,58	0,462283	-0,862888	0,388199	0,661606	no
csmB	ChrI_A_nidulans_FGSC_A4:561150-566519	WT_5hasex	WT_veg	OK	99,619	136,313	0,452428	-0,871086	0,383707	0,657437	no
csnA	ChrVII_A_nidulans_FGSC_A4:951031-952948	WT_5hasex	WT_veg	OK	31,816	53,4542	0,748551	-1,50076	0,133418	0,351432	no
csnB	ChrIII_A_nidulans_FGSC_A4:1009519-1011202	WT_5hasex	WT_veg	OK	49,6193	72,1707	0,540513	-1,07858	0,280775	0,554401	no
csnC	ChrI_A_nidulans_FGSC_A4:2207352-2209071	WT_5hasex	WT_veg	OK	39,5392	80,09	1,01834	-2,06521	0,0389027	0,147755	no
csnD	ChrVII_A_nidulans_FGSC_A4:1102068-1103438	WT_5hasex	WT_veg	OK	31,6696	47,0904	0,572335	-1,11785	0,263633	0,534596	no
csnE	ChrVII_A_nidulans_FGSC_A4:2960276-2961336	WT_5hasex	WT_veg	OK	34,7372	39,8998	0,1999	-0,381928	0,702515	0,870864	no
csnF	ChrVII_A_nidulans_FGSC_A4:3277542-3278938	WT_5hasex	WT_veg	OK	66,3717	84,8339	0,354073	-0,703373	0,481823	0,736552	no
csnH	ChrVII_A_nidulans_FGSC_A4:829739-830495	WT_5hasex	WT_veg	OK	23,9098	24,934	0,060513	-0,10001	0,920336	0,969611	no
cutA	ChrIV_A_nidulans_FGSC_A4:2574281-2577685	WT_5hasex	WT_veg	OK	10,201	16,3939	0,684448	-1,31307	0,189161	0,439438	no
cwc27	ChrII_A_nidulans_FGSC_A4:631553-633230	WT_5hasex	WT_veg	OK	11,9794	37,895	1,66145	-2,99205	0,00277108	0,0182907	yes
cyaA	ChrII_A_nidulans_FGSC_A4:2666070-2672658	WT_5hasex	WT_veg	OK	10,1557	15,9931	0,655164	-1,32042	0,186696	0,435906	no
cycA	ChrI_A_nidulans_FGSC_A4:768944-769452	WT_5hasex	WT_veg	OK	1635,95	4555,96	1,47762	-2,56595	0,0102895	0,0532668	no
cyp1	ChrIII_A_nidulans_FGSC_A4:3389945-3390715	WT_5hasex	WT_veg	OK	1129,46	3847,91	1,76845	-3,20178	0,0013658	0,0101548	yes
cyp10	ChrVIII_A_nidulans_FGSC_A4:3728230-3730214	WT_5hasex	WT_veg	OK	17,667	23,5046	0,411891	-0,797893	0,424932	0,692646	no
cyp2	ChrIII_A_nidulans_FGSC_A4:3136175-3136784	WT_5hasex	WT_veg	OK	83,6958	109,717	0,390561	-0,765673	0,443871	0,707523	no
cyp4	ChrVII_A_nidulans_FGSC_A4:668441-672579	WT_5hasex	WT_veg	OK	59,2896	193,131	1,70373	-3,25421	0,0011371	0,00873057	yes
cyp5	ChrVII_A_nidulans_FGSC_A4:3982196-3983059	WT_5hasex	WT_veg	OK	33,8304	77,4182	1,19435	-2,15192	0,0314037	0,125756	no
cyp51B	ChrII_A_nidulans_FGSC_A4:1379936-1381905	WT_5hasex	WT_veg	OK	166,328	253,794	0,609626	-1,21025	0,226182	0,488919	no
cyp7	ChrIII_A_nidulans_FGSC_A4:1607337-1609067	WT_5hasex	WT_veg	OK	179,398	509,657	1,50636	-2,97478	0,002932	0,0191781	yes
cyp8	ChrVI_A_nidulans_FGSC_A4:449482-451116	WT_5hasex	WT_veg	OK	22,582	98,1537	2,11987	-4,08197	4,4656E-05	0,00054294	yes
cyp9	ChrI_A_nidulans_FGSC_A4:3499024-3500954	WT_5hasex	WT_veg	OK	28,6412	76,466	1,41673	-2,89084	0,00384209	0,0239997	yes
cypA	ChrII_A_nidulans_FGSC_A4:2976762-2978292	WT_5hasex	WT_veg	OK	698,228	1033,26	0,565429	-1,02789	0,304003	0,580076	no
cypB	ChrIII_A_nidulans_FGSC_A4:1959337-1960590	WT_5hasex	WT_veg	OK	418,988	499,404	0,253299	-0,468498	0,639429	0,835569	no
cys2	Contig-mt197_A_nidulans_FGSC_A4:5645-5716	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
cysA	ChrV_A_nidulans_FGSC_A4:883558-885112	WT_5hasex	WT_veg	OK	49,1217	69,1208	0,492761	-1,00503	0,314881	0,591052	no
cysB	ChrII_A_nidulans_FGSC_A4:623939-625133	WT_5hasex	WT_veg	OK	73,3213	60,3064	-0,281922	0,56375	0,572924	0,796829	no
cysD	ChrII_A_nidulans_FGSC_A4:1359447-1361266	WT_5hasex	WT_veg	OK	228,741	183,871	-0,315021	0,61159	0,540809	0,776233	no
cysF	ChrVII_A_nidulans_FGSC_A4:1023714-1025203	WT_5hasex	WT_veg	OK	20,1885	32,6129	0,691912	-1,27665	0,201727	0,457075	no
dclA	ChrVIII_A_nidulans_FGSC_A4:4535060-4536675	WT_5hasex	WT_veg	OK	1,6768	8,44778	2,33286	-2,86286	0,00419833	0,0258096	yes
dclB	ChrVI_A_nidulans_FGSC_A4:1531555-1535659	WT_5hasex	WT_veg	OK	1,86539	4,57719	1,29498	-1,84423	0,0651491	0,214201	no
dcp1	ChrIV_A_nidulans_FGSC_A4:2570523-2571336	WT_5hasex	WT_veg	OK	27,6202	12,7156	-1,11912	1,88499	0,0594318	0,20099	no
ddbA	ChrVIII_A_nidulans_FGSC_A4:3037582-3041333	WT_5hasex	WT_veg	OK	23,7608	60,5363	1,34922	-2,67641	0,00744165	0,0411304	yes
devR	ChrIV_A_nidulans_FGSC_A4:1931434-1933074	WT_5hasex	WT_veg	OK	31,1343	32,5358	0,0635245	-0,124824	0,900663	0,961811	no
dewA	ChrII_A_nidulans_FGSC_A4:481381-482182	WT_5hasex	WT_veg	NOTEST	1,09632	1,3149	0,262295	-0,159115	0,873578	1	no
dfgA	ChrVI_A_nidulans_FGSC_A4:2679618-2681181	WT_5hasex	WT_veg	NOTEST	0	0,586833	1.79769e+308	1.79769e+308	0,123323	1	no
dfgB	ChrV_A_nidulans_FGSC_A4:436110-437803	WT_5hasex	WT_veg	OK	184,29	281,888	0,61315	-1,21942	0,222685	0,484486	no
dfgC	ChrVIII_A_nidulans_FGSC_A4:3694451-3696404	WT_5hasex	WT_veg	OK	23,5592	61,0179	1,37294	-2,62993	0,00854034	0,0459581	yes
dfgD	ChrVI_A_nidulans_FGSC_A4:2007294-2009051	WT_5hasex	WT_veg	OK	19,3937	23,9646	0,305319	-0,567512	0,570366	0,79522	no
dfgE	ChrVIII_A_nidulans_FGSC_A4:3722102-3723173	WT_5hasex	WT_veg	NOTEST	1,45074	2,46202	0,763053	-0,740966	0,458714	1	no
dfgF	ChrI_A_nidulans_FGSC_A4:47155-48424	WT_5hasex	WT_veg	OK	3,76924	0,151661	-4,63536	1,55367	0,120263	0,32815	no

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dfgG	ChrIII_A_nidulans_FGSC_A4:1835661-1838198	WT_5hasex	WT_veg	OK	31,0652	48,1535	0,632342	-1,30191	0,192947	0,444647	no
dhbD	ChrI_A_nidulans_FGSC_A4:2984736-2985844	WT_5hasex	WT_veg	OK	3,38023	8,35803	1,30604	-1,48774	0,13682	0,357267	no
dicA	ChrI_A_nidulans_FGSC_A4:746953-748089	WT_5hasex	WT_veg	OK	63,8586	260,615	2,02897	-3,90421	9,4534E-05	0,00104361	yes
dicB	ChrVII_A_nidulans_FGSC_A4:2249417-2250655	WT_5hasex	WT_veg	OK	35,3073	49,1976	0,478621	-0,804526	0,421093	0,689265	no
didB	ChrVIII_A_nidulans_FGSC_A4:510377-511315	WT_5hasex	WT_veg	OK	176,366	580,597	1,71896	-3,58114	0,0003421	0,00314725	yes
digA	ChrVII_A_nidulans_FGSC_A4:3382947-3385969	WT_5hasex	WT_veg	OK	41,4218	48,4659	0,226583	-0,470476	0,638015	0,834888	no
ditA	ChrVI_A_nidulans_FGSC_A4:3090383-3092336	WT_5hasex	WT_veg	NOTEST	0,259171	0,45315	0,806086	-0,472763	0,636382	1	no
dmtA	ChrI_A_nidulans_FGSC_A4:2696498-2698570	WT_5hasex	WT_veg	OK	4,63904	6,31486	0,444926	-0,666629	0,505009	0,753151	no
dopA	ChrVII_A_nidulans_FGSC_A4:2841418-2847418	WT_5hasex	WT_veg	OK	11,2173	9,37828	-0,258335	0,527495	0,59785	0,811936	no
dps1	ChrIII_A_nidulans_FGSC_A4:1685438-1687323	WT_5hasex	WT_veg	OK	75,5097	75,0381	-0,00903959	0,0186444	0,985125	0,994523	no
easA	ChrVII_A_nidulans_FGSC_A4:4288452-4309340	WT_5hasex	WT_veg	OK	4,10882	7,34863	0,838751	-1,59232	0,111313	0,311608	no
easB	ChrVII_A_nidulans_FGSC_A4:4313089-4320711	WT_5hasex	WT_veg	OK	36,9728	20,2898	-0,865708	1,55704	0,11946	0,326719	no
easC	ChrVII_A_nidulans_FGSC_A4:4321940-4323433	WT_5hasex	WT_veg	OK	45,183	17,805	-1,3435	2,52341	0,0116224	0,0586629	no
easD	ChrVII_A_nidulans_FGSC_A4:4323905-4325876	WT_5hasex	WT_veg	OK	133,883	174,718	0,384061	-0,684312	0,493778	0,745215	no
echA	ChrI_A_nidulans_FGSC_A4:1822453-1823565	WT_5hasex	WT_veg	OK	45,4813	64,4388	0,502654	-0,983333	0,325443	0,602058	no
ecmA	ChrIII_A_nidulans_FGSC_A4:2176136-2178008	WT_5hasex	WT_veg	OK	1426,2	2663,43	0,90111	-1,35945	0,174005	0,417404	no
edc3	ChrI_A_nidulans_FGSC_A4:3496380-3498866	WT_5hasex	WT_veg	OK	26,1407	61,5874	1,23634	-2,52808	0,0114687	0,0580822	no
eglA	ChrVIII_A_nidulans_FGSC_A4:950782-952010	WT_5hasex	WT_veg	OK	4,09111	4,44322	0,119113	-0,149022	0,881536	0,954999	no
eglB	ChrVI_A_nidulans_FGSC_A4:784974-786267	WT_5hasex	WT_veg	NOTEST	1,47	1,4343	-0,0354726	0,0339695	0,972902	1	no
eglC	ChrII_A_nidulans_FGSC_A4:307499-309171	WT_5hasex	WT_veg	OK	1601	2431,03	0,602595	-0,90036	0,367929	0,642737	no
eglD	ChrIV_A_nidulans_FGSC_A4:2536419-2537571	WT_5hasex	WT_veg	OK	36,1363	28,9341	-0,320677	0,613485	0,539556	0,775135	no
eglE	ChrVI_A_nidulans_FGSC_A4:3075421-3076643	WT_5hasex	WT_veg	NOTEST	0,190165	0,886621	2,22106	-1,14626	0,251686	1	no
elfA	ChrVIII_A_nidulans_FGSC_A4:2322291-233046	WT_5hasex	WT_veg	OK	403,654	1663,98	2,04345	-3,89074	9,994E-05	0,00109471	yes
elys	ChrIII_A_nidulans_FGSC_A4:1574075-1575157	WT_5hasex	WT_veg	OK	44,5498	62,8512	0,496522	-0,975234	0,329444	0,605972	no
enaA	ChrI_A_nidulans_FGSC_A4:2709934-2713753	WT_5hasex	WT_veg	OK	9,0432	12,591	0,477493	-0,797127	0,425377	0,692966	no
enaB	ChrVII_A_nidulans_FGSC_A4:1406950-1410237	WT_5hasex	WT_veg	OK	1,95435	12,8047	2,71191	-3,63579	0,00027713	0,00263702	yes
enaC	ChrIV_A_nidulans_FGSC_A4:2311466-2314924	WT_5hasex	WT_veg	OK	14,7113	21,1302	0,52238	-1,01857	0,308405	0,584505	no
engA	ChrVIII_A_nidulans_FGSC_A4:3449867-3453075	WT_5hasex	WT_veg	OK	83,0307	77,4146	-0,10104	0,206262	0,836586	0,935068	no
esdC	ChrVI_A_nidulans_FGSC_A4:375209-377044	WT_5hasex	WT_veg	OK	489,129	3271,67	2,74174	-3,65006	0,00026217	0,00251989	yes
exgA	ChrVIII_A_nidulans_FGSC_A4:802474-804821	WT_5hasex	WT_veg	NOTEST	0,751584	0	-1.79769e+308	-1.79769e+308	0,0410847	1	no
exgB	ChrII_A_nidulans_FGSC_A4:3084070-3085462	WT_5hasex	WT_veg	NOTEST	1,19597	1,00269	-0,25431	0,208525	0,834819	1	no
exgC	ChrII_A_nidulans_FGSC_A4:2228421-2229768	WT_5hasex	WT_veg	OK	11,3581	22,3227	0,974788	-1,63981	0,101044	0,291615	no
exgD	ChrIV_A_nidulans_FGSC_A4:1862794-1865566	WT_5hasex	WT_veg	OK	18,5052	35,6646	0,946563	-1,90877	0,056292	0,192988	no
exgE	ChrVII_A_nidulans_FGSC_A4:343535-345286	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
faaA	ChrI_A_nidulans_FGSC_A4:1507962-1510775	WT_5hasex	WT_veg	OK	128,005	398,802	1,63947	-3,10021	0,00193382	0,0135712	yes
faaB	ChrII_A_nidulans_FGSC_A4:1367400-1369853	WT_5hasex	WT_veg	OK	26,4838	36,1196	0,447672	-0,910498	0,36256	0,637353	no
fabM	ChrII_A_nidulans_FGSC_A4:2376172-2378756	WT_5hasex	WT_veg	OK	55,1762	214,153	1,95652	-3,9834	6,7937E-05	0,00078311	yes
facA	ChrV_A_nidulans_FGSC_A4:2169492-2172539	WT_5hasex	WT_veg	OK	79,94	140,861	0,817284	-1,60203	0,109149	0,307793	no
facB	ChrVIII_A_nidulans_FGSC_A4:2782107-2785113	WT_5hasex	WT_veg	OK	63,8289	176,097	1,46409	-2,93077	0,00338127	0,0216212	yes
facC	ChrVIII_A_nidulans_FGSC_A4:1645648-1648234	WT_5hasex	WT_veg	OK	46,5983	123,271	1,40349	-2,85944	0,00424388	0,0260591	yes
fadA	ChrVIII_A_nidulans_FGSC_A4:2883465-2885283	WT_5hasex	WT_veg	OK	49,2958	135,693	1,46081	-3,04307	0,00234176	0,015914	yes
faeC	ChrV_A_nidulans_FGSC_A4:3323238-3324051	WT_5hasex	WT_veg	NOTEST	0,294749	0,787156	1,41716	-0,614201	0,539082	1	no
fahA	ChrVII_A_nidulans_FGSC_A4:2183535-2184878	WT_5hasex	WT_veg	OK	24,6495	48,8933	0,988076	-1,84597	0,0648961	0,213691	no
fal1	ChrII_A_nidulans_FGSC_A4:507226-509355	WT_5hasex	WT_veg	OK	33,5311	77,705	1,21251	-2,49852	0,0124714	0,0620159	no
faoA	ChrII_A_nidulans_FGSC_A4:822117-823880	WT_5hasex	WT_veg	OK	45,8691	810,519	4,14325	-6,9044	5,0417E-12	2,5428E-10	yes
farA	ChrIV_A_nidulans_FGSC_A4:1192119-1195682	WT_5hasex	WT_veg	OK	18,9513	25,582	0,432832	-0,878632	0,379601	0,654079	no
farB	ChrVII_A_nidulans_FGSC_A4:743869-746553	WT_5hasex	WT_veg	OK	10,3627	16,8897	0,704739	-1,31892	0,187196	0,43668	no
fasA	ChrVIII_A_nidulans_FGSC_A4:532852-538683	WT_5hasex	WT_veg	OK	138,672	805,79	2,53873	-4,10991	3,9582E-05	0,00048852	yes
fasB	ChrVIII_A_nidulans_FGSC_A4:540287-546767	WT_5hasex	WT_veg	OK	182,288	746,153	2,03325	-3,12539	0,00177569	0,0126615	yes
fatA	ChrV_A_nidulans_FGSC_A4:1445106-1447127	WT_5hasex	WT_veg	OK	7,10036	8,74694	0,300888	-0,499153	0,617671	0,823314	no
fatB	ChrI_A_nidulans_FGSC_A4:1937275-1939352	WT_5hasex	WT_veg	OK	7,07715	12,0844	0,771907	-1,2815	0,200018	0,454427	no
fatC	ChrI_A_nidulans_FGSC_A4:2729702-2731769	WT_5hasex	WT_veg	NOTEST	0	0,0926416	1.79769e+308	1.79769e+308	0,309884	1	no
fatD	ChrIII_A_nidulans_FGSC_A4:2159441-2161178	WT_5hasex	WT_veg	OK	68,3228	110,365	0,691843	-1,35491	0,175447	0,41982	no

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fbaA	ChrVI_A_nidulans_FGSC_A4:2525617-2527251	WT_5hasex	WT_veg	OK	1007,26	3865,15	1,94009	-3,03955	0,00236931	0,0160825	yes
fbpZ	ChrI_A_nidulans_FGSC_A4:2974137-2976004	WT_5hasex	WT_veg	OK	114,336	518,11	2,17998	-4,34369	1,4011E-05	0,00019454	yes
fcyB	ChrI_A_nidulans_FGSC_A4:1491753-1493358	WT_5hasex	WT_veg	OK	125,574	119,916	-0,0665105	0,129875	0,896665	0,960535	no
fhbA	ChrIV_A_nidulans_FGSC_A4:795898-797379	WT_5hasex	WT_veg	OK	615,664	143,344	-2,10266	3,29382	0,00098838	0,00777087	yes
fhbB	ChrII_A_nidulans_FGSC_A4:3904791-3906076	WT_5hasex	WT_veg	OK	2,76432	20,3773	2,88197	-4,03569	5,4442E-05	0,00064501	yes
fhdA	ChrVI_A_nidulans_FGSC_A4:2479332-2480415	WT_5hasex	WT_veg	OK	23,0324	43,445	0,915521	-1,68324	0,0923279	0,273884	no
fhpA	ChrIII_A_nidulans_FGSC_A4:1782644-1784126	WT_5hasex	WT_veg	OK	2,32431	18,2306	2,97148	-4,03492	5,4621E-05	0,00064684	yes
fimA	ChrI_A_nidulans_FGSC_A4:2196241-2199038	WT_5hasex	WT_veg	OK	224,417	497,632	1,1489	-2,00917	0,0445196	0,163324	no
fksA	ChrII_A_nidulans_FGSC_A4:3255413-3261962	WT_5hasex	WT_veg	OK	249,649	632,326	1,34077	-2,17007	0,0300017	0,12142	no
flbA	ChrI_A_nidulans_FGSC_A4:1878216-1881495	WT_5hasex	WT_veg	OK	29,8867	40,1426	0,42563	-0,883061	0,377203	0,651934	no
flbB	ChrIV_A_nidulans_FGSC_A4:1889783-1891752	WT_5hasex	WT_veg	OK	107,56	153,266	0,51089	-1,0301	0,302962	0,578827	no
flbC	ChrVII_A_nidulans_FGSC_A4:3880775-3882058	WT_5hasex	WT_veg	OK	213,506	223,943	0,0688566	-0,129608	0,896877	0,960655	no
flbD	ChrVIII_A_nidulans_FGSC_A4:4060949-4062201	WT_5hasex	WT_veg	OK	61,2506	103,078	0,750949	-1,54386	0,122621	0,332222	no
flbE	ChrVIII_A_nidulans_FGSC_A4:2681233-2683106	WT_5hasex	WT_veg	OK	42,5188	101,557	1,25611	-2,3269	0,0199706	0,0890712	no
fluG	ChrIII_A_nidulans_FGSC_A4:891151-893853	WT_5hasex	WT_veg	OK	25,3928	36,2927	0,515259	-1,03821	0,299172	0,574593	no
fmdS	ChrIII_A_nidulans_FGSC_A4:1618463-1619929	WT_5hasex	WT_veg	OK	112,286	198,418	0,821374	-1,33459	0,182011	0,42915	no
foxA	ChrIV_A_nidulans_FGSC_A4:986987-990129	WT_5hasex	WT_veg	OK	28,0532	33,0795	0,237771	-0,492957	0,622043	0,825416	no
fphA	ChrVII_A_nidulans_FGSC_A4:141220-145309	WT_5hasex	WT_veg	OK	30,3454	84,3266	1,47451	-2,99875	0,00271091	0,0179546	yes
fprA	ChrII_A_nidulans_FGSC_A4:3653784-3654550	WT_5hasex	WT_veg	OK	632,684	1194,13	0,916403	-1,81374	0,0697173	0,224806	no
freA	ChrIV_A_nidulans_FGSC_A4:2306087-2308130	WT_5hasex	WT_veg	OK	29,6152	43,4779	0,553945	-1,10638	0,268564	0,540324	no
furA	ChrVIII_A_nidulans_FGSC_A4:2862300-2864202	WT_5hasex	WT_veg	OK	48,4088	34,4055	-0,492631	0,985219	0,324516	0,601031	no
furB	ChrII_A_nidulans_FGSC_A4:1932760-1934780	WT_5hasex	WT_veg	NOTEST	0,964958	2,20255	1,19064	-1,28449	0,198971	1	no
furC	ChrVI_A_nidulans_FGSC_A4:994928-996800	WT_5hasex	WT_veg	OK	14,4558	22,1225	0,613863	-1,03278	0,301708	0,577496	no
furE	ChrV_A_nidulans_FGSC_A4:421317-423114	WT_5hasex	WT_veg	OK	56,8626	64,4974	0,181763	-0,29468	0,768238	0,904901	no
furF	ChrVIII_A_nidulans_FGSC_A4:293087-295155	WT_5hasex	WT_veg	OK	27,325	65,4352	1,25984	-2,25289	0,0242664	0,103011	no
furG	ChrII_A_nidulans_FGSC_A4:319245-322009	WT_5hasex	WT_veg	OK	3,50917	11,8956	1,76122	-2,23769	0,025241	0,106282	no
gabA	ChrVI_A_nidulans_FGSC_A4:2236905-2239540	WT_5hasex	WT_veg	OK	45,37	59,3579	0,3877	-0,732264	0,464008	0,723271	no
galA	ChrV_A_nidulans_FGSC_A4:1878967-1880080	WT_5hasex	WT_veg	OK	3,92976	3,1087	-0,338129	0,396855	0,691474	0,864459	no
galD	ChrI_A_nidulans_FGSC_A4:1004458-1005965	WT_5hasex	WT_veg	OK	58,1454	132,112	1,18402	-2,36173	0,0181899	0,0827708	no
galE	ChrIII_A_nidulans_FGSC_A4:453594-455270	WT_5hasex	WT_veg	OK	37,7089	55,2515	0,551106	-1,08046	0,279937	0,553474	no
galF	ChrVI_A_nidulans_FGSC_A4:295507-298010	WT_5hasex	WT_veg	OK	570,761	1309,21	1,19774	-2,02575	0,0427908	0,158434	no
ganA	ChrVI_A_nidulans_FGSC_A4:1875982-1877287	WT_5hasex	WT_veg	OK	34,6498	54,8949	0,663827	-1,29018	0,196987	0,450352	no
ganB	ChrVIII_A_nidulans_FGSC_A4:1793439-1794810	WT_5hasex	WT_veg	OK	70,7047	134,639	0,929216	-1,82667	0,0677489	0,220275	no
gapA	ChrIII_A_nidulans_FGSC_A4:332960-335410	WT_5hasex	WT_veg	OK	27,0138	44,8002	0,72981	-1,39767	0,162213	0,398439	no
gatA	ChrVII_A_nidulans_FGSC_A4:3321499-3323511	WT_5hasex	WT_veg	OK	218,892	231,127	0,0784661	-0,144252	0,885301	0,956389	no
gcnE	ChrII_A_nidulans_FGSC_A4:3567624-3569139	WT_5hasex	WT_veg	OK	17,5196	49,2324	1,49064	-2,67666	0,00743604	0,0411037	yes
gcpB	ChrI_A_nidulans_FGSC_A4:1949464-1952267	WT_5hasex	WT_veg	OK	15,8214	21,3406	0,431717	-0,844275	0,398516	0,671069	no
gcpC	ChrIII_A_nidulans_FGSC_A4:726765-729801	WT_5hasex	WT_veg	OK	19,0732	18,9534	-0,0090881	0,0184303	0,985296	0,994532	no
gcpD	ChrVII_A_nidulans_FGSC_A4:3111558-3114373	WT_5hasex	WT_veg	OK	13,4723	20,6837	0,6185	-1,21986	0,222516	0,484227	no
gcpE	ChrII_A_nidulans_FGSC_A4:811535-814299	WT_5hasex	WT_veg	OK	10,1465	15,8648	0,64485	-1,20441	0,228432	0,491456	no
gcpF	ChrVIII_A_nidulans_FGSC_A4:1826606-1829517	WT_5hasex	WT_veg	OK	6,71325	8,72532	0,378196	-0,661521	0,508279	0,755105	no
gdhA	ChrIII_A_nidulans_FGSC_A4:2217812-2219579	WT_5hasex	WT_veg	OK	716,425	613,932	-0,222737	0,373594	0,708707	0,874279	no
gdiA	ChrI_A_nidulans_FGSC_A4:1870343-1872261	WT_5hasex	WT_veg	OK	220,724	281,217	0,349445	-0,673231	0,500801	0,750259	no
gela	ChrIV_A_nidulans_FGSC_A4:2286360-2288221	WT_5hasex	WT_veg	OK	932,153	1536,91	0,721389	-1,18646	0,235442	0,500753	no
gelB	ChrVIII_A_nidulans_FGSC_A4:3174526-3176539	WT_5hasex	WT_veg	OK	100,72	217,626	1,1115	-2,19305	0,0283041	0,11592	no
gelC	ChrII_A_nidulans_FGSC_A4:3249001-3251282	WT_5hasex	WT_veg	OK	114,315	41,4831	-1,46242	2,91564	0,00354965	0,0225083	yes
gelD	ChrVII_A_nidulans_FGSC_A4:348173-350191	WT_5hasex	WT_veg	OK	341,63	9,37753	-5,18708	6,774	1,2527E-11	5,8767E-10	yes
gelE	ChrIV_A_nidulans_FGSC_A4:1779249-1781196	WT_5hasex	WT_veg	OK	371,904	530,165	0,511512	-0,920286	0,357423	0,632632	no
gfaA	ChrV_A_nidulans_FGSC_A4:1688163-1691130	WT_5hasex	WT_veg	OK	426,7	577,494	0,436584	-0,762879	0,445536	0,708751	no
gfdA	ChrVIII_A_nidulans_FGSC_A4:3827963-3829778	WT_5hasex	WT_veg	OK	93,2449	232,824	1,32014	-2,71442	0,00663909	0,0375339	yes
gfdB	ChrI_A_nidulans_FGSC_A4:3189570-3190910	WT_5hasex	WT_veg	OK	23,9951	173,683	2,85564	-5,29621	1,1823E-07	2,7054E-06	yes
glaA	ChrVII_A_nidulans_FGSC_A4:503663-505829	WT_5hasex	WT_veg	OK	42,6843	28,5328	-0,511084	0,917463	0,3589	0,633811	no
glaB	ChrIV_A_nidulans_FGSC_A4:63625-65705	WT_5hasex	WT_veg	OK	3,7596	0	-1.79769e+308	-1.79769e+308	0,00911834	0,0484275	yes

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gldB	ChrV_A_nidulans_FGSC_A4:2398938-2400534	WT_5hasex	WT_veg	OK	653,465	2056,71	1,65416	-2,79629	0,00516924	0,0305388	yes
gle1	ChrVIII_A_nidulans_FGSC_A4:1352130-1353725	WT_5hasex	WT_veg	OK	17,0632	22,1693	0,377679	-0,704151	0,481339	0,736115	no
glikA	ChrIII_A_nidulans_FGSC_A4:3118546-3120071	WT_5hasex	WT_veg	OK	350,204	935,901	1,41816	-2,64359	0,00820317	0,0444592	yes
glnA	ChrII_A_nidulans_FGSC_A4:1916041-1917905	WT_5hasex	WT_veg	OK	2226,37	4294,49	0,947792	-1,34953	0,177168	0,422151	no
glrA	ChrVIII_A_nidulans_FGSC_A4:2028749-2030740	WT_5hasex	WT_veg	OK	124,609	289,819	1,21774	-2,47682	0,0132557	0,0650641	no
gltA	ChrV_A_nidulans_FGSC_A4:1249551-1256565	WT_5hasex	WT_veg	OK	120,256	207,178	0,784763	-1,4031	0,160588	0,396212	no
gly1	Contig-mt188_A_nidulans_FGSC_A4:4868-4940	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
gly2	Contig-mt188_A_nidulans_FGSC_A4:4743-4814	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
gmdA	ChrII_A_nidulans_FGSC_A4:2515263-2517623	WT_5hasex	WT_veg	OK	75,2998	77,7867	0,0468771	-0,0749213	0,940277	0,977599	no
gmdC	ChrVI_A_nidulans_FGSC_A4:2662935-2664741	WT_5hasex	WT_veg	OK	4,78551	14,4301	1,59234	-2,40835	0,0160246	0,0752754	no
gmtA	ChrIII_A_nidulans_FGSC_A4:2604118-2605585	WT_5hasex	WT_veg	OK	65,2059	163,738	1,32831	-2,73249	0,00628572	0,0358924	yes
gmtB	ChrVIII_A_nidulans_FGSC_A4:214143-215449	WT_5hasex	WT_veg	OK	2,9952	10,2801	1,77913	-2,30217	0,0213256	0,0936069	no
gnaA	ChrIII_A_nidulans_FGSC_A4:3061741-3062661	WT_5hasex	WT_veg	OK	151,79	261,645	0,785536	-1,62661	0,10382	0,297419	no
gpdA	ChrII_A_nidulans_FGSC_A4:580129-581937	WT_5hasex	WT_veg	OK	4489,38	7458,17	0,732305	-0,777457	0,436889	0,701926	no
gpdC	ChrVII_A_nidulans_FGSC_A4:4435976-4437309	WT_5hasex	WT_veg	OK	449,625	771,351	0,778667	-1,30884	0,190587	0,441437	no
gpgA	ChrVI_A_nidulans_FGSC_A4:2948436-2949317	WT_5hasex	WT_veg	OK	128,659	327,561	1,34821	-2,80907	0,00496843	0,0295859	yes
gppA	ChrVIII_A_nidulans_FGSC_A4:1173304-1174476	WT_5hasex	WT_veg	OK	86,7382	184,058	1,08542	-2,24085	0,0250355	0,105553	no
gprC	ChrII_A_nidulans_FGSC_A4:3127715-3129185	WT_5hasex	WT_veg	OK	26,6114	73,7008	1,46964	-2,89176	0,00383085	0,0239562	yes
gprD	ChrVI_A_nidulans_FGSC_A4:876030-877581	WT_5hasex	WT_veg	OK	54,848	22,8979	-1,26022	2,19716	0,0280093	0,115036	no
gprE	ChrVI_A_nidulans_FGSC_A4:134873-137479	WT_5hasex	WT_veg	OK	44,7515	111,047	1,31116	-2,70864	0,00675596	0,0380714	yes
gprH	ChrII_A_nidulans_FGSC_A4:1316426-1317786	WT_5hasex	WT_veg	OK	33,5581	36,4616	0,119715	-0,228306	0,819408	0,927661	no
gprI	ChrV_A_nidulans_FGSC_A4:195341-196371	WT_5hasex	WT_veg	OK	0,526418	8,06019	3,93653	-3,13091	0,00174263	0,0124597	yes
gprJ	ChrV_A_nidulans_FGSC_A4:1894600-1896179	WT_5hasex	WT_veg	OK	22,3198	173,037	2,95469	-5,47607	4,3487E-08	1,0961E-06	yes
gprK	ChrIV_A_nidulans_FGSC_A4:2716143-2718306	WT_5hasex	WT_veg	OK	187,095	347,716	0,894138	-1,76392	0,0777455	0,242978	no
gprM	ChrI_A_nidulans_FGSC_A4:2826749-2828761	WT_5hasex	WT_veg	OK	9,15559	22,3055	1,28467	-2,14997	0,0315579	0,126246	no
gprN	ChrV_A_nidulans_FGSC_A4:2571802-2573289	WT_5hasex	WT_veg	OK	5,91672	1,65738	-1,83589	2,01058	0,0443702	0,162867	no
gprO	ChrIII_A_nidulans_FGSC_A4:513196-514547	WT_5hasex	WT_veg	OK	15,6717	26,4232	0,753644	-1,26976	0,20417	0,460353	no
gprP	ChrV_A_nidulans_FGSC_A4:1300091-1301870	WT_5hasex	WT_veg	OK	27,3327	39,1973	0,520128	-1,03871	0,298937	0,574269	no
gpxA	ChrVI_A_nidulans_FGSC_A4:2616847-2617800	WT_5hasex	WT_veg	OK	221,58	575,091	1,37596	-2,75067	0,00594728	0,0342359	yes
grrA	ChrII_A_nidulans_FGSC_A4:1769493-1771710	WT_5hasex	WT_veg	OK	103,297	194,78	0,915051	-1,87539	0,0607393	0,204056	no
gsdA	ChrVI_A_nidulans_FGSC_A4:2183691-2186179	WT_5hasex	WT_veg	OK	365,803	1090,39	1,57571	-2,78888	0,005289	0,031113	yes
gst3	ChrVII_A_nidulans_FGSC_A4:3103134-3104512	WT_5hasex	WT_veg	OK	87,4923	195,741	1,16172	-2,37172	0,0177055	0,0811445	no
gstA	ChrIII_A_nidulans_FGSC_A4:601762-602876	WT_5hasex	WT_veg	OK	131,116	265,885	1,01996	-2,12129	0,033897	0,133384	no
gstB	ChrI_A_nidulans_FGSC_A4:1467522-1468493	WT_5hasex	WT_veg	OK	36,3429	177,143	2,28517	-3,75865	0,00017083	0,00174063	yes
gudA	ChrIII_A_nidulans_FGSC_A4:3385986-3386945	WT_5hasex	WT_veg	OK	25,8641	31,1239	0,267071	-0,481086	0,630455	0,830767	no
gudB	ChrII_A_nidulans_FGSC_A4:1823030-1830133	WT_5hasex	WT_veg	OK	5,99048	17,1796	1,51996	-2,19374	0,0282544	0,115799	no
gudC	ChrI_A_nidulans_FGSC_A4:2747113-2748123	WT_5hasex	WT_veg	OK	197,776	277,071	0,486391	-0,969082	0,332504	0,608884	no
gukA	ChrII_A_nidulans_FGSC_A4:3516468-3517583	WT_5hasex	WT_veg	OK	39,2802	149,752	1,9307	-3,83597	0,00012507	0,00133442	yes
hacA	ChrVIII_A_nidulans_FGSC_A4:511615-513283	WT_5hasex	WT_veg	OK	227,803	271,044	0,250742	-0,493914	0,621367	0,825056	no
hadA	ChrIV_A_nidulans_FGSC_A4:1336216-1337385	WT_5hasex	WT_veg	OK	78,158	123,047	0,654747	-1,34376	0,179026	0,424667	no
halA	ChrIII_A_nidulans_FGSC_A4:2662463-2664953	WT_5hasex	WT_veg	OK	163,964	914,486	2,47958	-4,6797	2,873E-06	4,7239E-05	yes
hapB	ChrIV_A_nidulans_FGSC_A4:1899822-1903570	WT_5hasex	WT_veg	OK	62,9821	99,4468	0,658982	-1,34584	0,178354	0,423647	no
hapC	ChrII_A_nidulans_FGSC_A4:2282167-2284090	WT_5hasex	WT_veg	OK	70,4499	128,095	0,86254	-1,73136	0,0833881	0,25524	no
hapE	ChrI_A_nidulans_FGSC_A4:2280414-2284598	WT_5hasex	WT_veg	OK	141,644	367,392	1,37505	-2,80054	0,00510174	0,030232	yes
hapX	ChrII_A_nidulans_FGSC_A4:1278336-1279764	WT_5hasex	WT_veg	OK	12,3436	17,175	0,476554	-0,827912	0,407721	0,678	no
hbrA	ChrVII_A_nidulans_FGSC_A4:3860764-3863076	WT_5hasex	WT_veg	OK	34,7507	66,1084	0,927791	-1,90798	0,0563939	0,193281	no
hbrB	ChrI_A_nidulans_FGSC_A4:2966687-2969482	WT_5hasex	WT_veg	OK	10,171	14,0568	0,46681	-0,876793	0,380599	0,654922	no
hdaA	ChrII_A_nidulans_FGSC_A4:582700-585907	WT_5hasex	WT_veg	OK	27,4077	37,2246	0,441677	-0,902219	0,36694	0,641867	no
hemA	ChrVII_A_nidulans_FGSC_A4:3435363-3437374	WT_5hasex	WT_veg	OK	47,7329	102,161	1,0978	-2,20688	0,0273225	0,112825	no
hepA	ChrVII_A_nidulans_FGSC_A4:2216123-2217515	WT_5hasex	WT_veg	OK	61,6658	119,552	0,95509	-1,96412	0,0495159	0,176392	no
hetC	ChrVII_A_nidulans_FGSC_A4:3086253-3088950	WT_5hasex	WT_veg	OK	24,5411	57,8815	1,2379	-2,541	0,0110537	0,0563815	no
hexA	ChrIII_A_nidulans_FGSC_A4:1288673-1291027	WT_5hasex	WT_veg	OK	1134,19	2678,61	1,23983	-1,77002	0,0767233	0,240674	no
hhoA	ChrVI_A_nidulans_FGSC_A4:2872024-2873568	WT_5hasex	WT_veg	OK	348,68	823,098	1,23916	-2,44258	0,0145827	0,0700233	no

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hhtA	ChrVIII_A_nidulans_FGSC_A4:2630366-2631307	WT_5hasex	WT_veg	OK	3153,4	6248,91	0,986696	-1,48132	0,138523	0,360009	no
hisB	ChrI_A_nidulans_FGSC_A4:2403958-2404810	WT_5hasex	WT_veg	OK	62,178	111,861	0,847225	-1,65608	0,0977047	0,284598	no
hisHF	ChrIV_A_nidulans_FGSC_A4:1520618-1522588	WT_5hasex	WT_veg	OK	91,9219	233,906	1,34745	-2,75544	0,00586132	0,0338377	yes
hk2	ChrII_A_nidulans_FGSC_A4:294244-296249	WT_5hasex	WT_veg	OK	15,1454	53,2045	1,81267	-3,50406	0,00045822	0,00404171	yes
hlyA	ChrV_A_nidulans_FGSC_A4:3303302-3305170	WT_5hasex	WT_veg	NOTEST	0,12742	0,447659	1,81281	-0,797422	0,425206	1	no
hmgA	ChrVII_A_nidulans_FGSC_A4:2185269-2186925	WT_5hasex	WT_veg	OK	95,6932	155,45	0,699967	-1,38366	0,166464	0,405233	no
hogA	ChrVIII_A_nidulans_FGSC_A4:1787245-1789386	WT_5hasex	WT_veg	OK	573,956	2509,45	2,12836	-3,51604	0,00043803	0,00388516	yes
hosA	ChrII_A_nidulans_FGSC_A4:2991993-2993442	WT_5hasex	WT_veg	OK	44,0809	59,3009	0,427899	-0,827342	0,408043	0,678243	no
hosB	ChrIV_A_nidulans_FGSC_A4:1300346-1303724	WT_5hasex	WT_veg	OK	8,20474	11,1277	0,439632	-0,816039	0,414478	0,683592	no
hpdA	ChrVII_A_nidulans_FGSC_A4:2188089-2189579	WT_5hasex	WT_veg	OK	104,036	182,732	0,812641	-1,52212	0,127979	0,341672	no
hscA	ChrVII_A_nidulans_FGSC_A4:681184-683748	WT_5hasex	WT_veg	OK	365,331	1000,09	1,45286	-2,46486	0,0137068	0,0666796	no
hsf1	ChrII_A_nidulans_FGSC_A4:561738-564189	WT_5hasex	WT_veg	OK	19,6778	34,6964	0,818215	-1,61974	0,105289	0,300278	no
hsp104	ChrVIII_A_nidulans_FGSC_A4:2252755-2255831	WT_5hasex	WT_veg	OK	568,042	2032,7	1,83933	-2,7206	0,0065164	0,0369919	yes
hsp30	ChrVII_A_nidulans_FGSC_A4:4244549-4245508	WT_5hasex	WT_veg	OK	3705,67	4891,94	0,400672	-0,449935	0,652758	0,843291	no
hsp70	ChrV_A_nidulans_FGSC_A4:1233513-1235891	WT_5hasex	WT_veg	OK	1662,18	4619,97	1,47481	-1,6892	0,091181	0,271327	no
hsp90	ChrII_A_nidulans_FGSC_A4:1334553-1337240	WT_5hasex	WT_veg	OK	607,295	1535,12	1,33788	-2,11043	0,0348213	0,136138	no
hstA	ChrII_A_nidulans_FGSC_A4:1312608-1313914	WT_5hasex	WT_veg	OK	23,7032	56,6518	1,25704	-2,38678	0,0169965	0,0787488	no
hulA	ChrVIII_A_nidulans_FGSC_A4:787321-790823	WT_5hasex	WT_veg	OK	77,9288	217,624	1,48161	-3,00134	0,00268792	0,0178294	yes
hulB	ChrVIII_A_nidulans_FGSC_A4:3534759-3538372	WT_5hasex	WT_veg	OK	17,0161	27,4266	0,688673	-1,36882	0,171056	0,412596	no
hulC	ChrVII_A_nidulans_FGSC_A4:1778419-1784648	WT_5hasex	WT_veg	OK	27,3083	61,3672	1,16813	-2,39059	0,0168212	0,078151	no
hulD	ChrVII_A_nidulans_FGSC_A4:2117638-2121206	WT_5hasex	WT_veg	OK	24,8921	26,6012	0,0958054	-0,198683	0,842511	0,937733	no
hulE	ChrVII_A_nidulans_FGSC_A4:2408555-2421143	WT_5hasex	WT_veg	OK	19,0287	68,5255	1,84846	-3,70439	0,0002119	0,00209311	yes
hulF	ChrII_A_nidulans_FGSC_A4:2379679-2383397	WT_5hasex	WT_veg	OK	25,0132	41,0289	0,713947	-1,4855	0,137411	0,358203	no
hxA	ChrV_A_nidulans_FGSC_A4:2211297-2215583	WT_5hasex	WT_veg	OK	90,7167	745,643	3,03905	-5,12625	2,9556E-07	6,1854E-06	yes
hxB	ChrVII_A_nidulans_FGSC_A4:1435983-1438647	WT_5hasex	WT_veg	OK	12,2071	43,25	1,82498	-3,46795	0,00052444	0,0045334	yes
hxkA	ChrIV_A_nidulans_FGSC_A4:1608306-1610025	WT_5hasex	WT_veg	OK	230,159	858,294	1,89884	-3,58211	0,00034083	0,00313851	yes
hxkB	ChrVI_A_nidulans_FGSC_A4:3294560-3296094	WT_5hasex	WT_veg	OK	1,51945	5,1417	1,7587	-2,12534	0,0335581	0,132348	no
hxkC	ChrII_A_nidulans_FGSC_A4:1606910-1608806	WT_5hasex	WT_veg	OK	41,9058	33,8941	-0,306113	0,633996	0,526083	0,7673	no
hxtA	ChrI_A_nidulans_FGSC_A4:3582608-3584756	WT_5hasex	WT_veg	OK	7,93285	7,02385	-0,175578	0,284066	0,77636	0,908721	no
hymA	ChrVI_A_nidulans_FGSC_A4:1849546-1850948	WT_5hasex	WT_veg	OK	63,1339	69,8986	0,14685	-0,288451	0,773001	0,906944	no
hypA	ChrI_A_nidulans_FGSC_A4:2391386-2395969	WT_5hasex	WT_veg	OK	11,4598	9,36594	-0,291081	0,579277	0,562402	0,790346	no
hypB	ChrI_A_nidulans_FGSC_A4:2923706-2929969	WT_5hasex	WT_veg	OK	18,5169	22,7532	0,297226	-0,617338	0,537012	0,773685	no
idpA	ChrVI_A_nidulans_FGSC_A4:2137245-2139820	WT_5hasex	WT_veg	OK	106,328	145,912	0,456578	-0,899488	0,368393	0,643104	no
ile	Contig-mt188_A_nidulans_FGSC_A4:4233-4305	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ileA	ChrII_A_nidulans_FGSC_A4:2922952-2925077	WT_5hasex	WT_veg	OK	25,8688	65,6172	1,34286	-2,6952	0,00703468	0,0392788	yes
imeB	ChrI_A_nidulans_FGSC_A4:774216-776665	WT_5hasex	WT_veg	OK	37,8784	64,4609	0,76705	-1,59405	0,110925	0,311021	no
inpA	ChrII_A_nidulans_FGSC_A4:3991242-3995742	WT_5hasex	WT_veg	NOTEST	0,08683	0,218684	1,33258	-0,841159	0,400259	1	no
inpB	ChrII_A_nidulans_FGSC_A4:3983380-3990409	WT_5hasex	WT_veg	NOTEST	0,200368	0,222299	0,149853	-0,135066	0,89256	1	no
ipnA	ChrVI_A_nidulans_FGSC_A4:3360449-3361598	WT_5hasex	WT_veg	OK	6,43857	2,83227	-1,18478	1,33349	0,182372	0,429764	no
ippA	ChrVI_A_nidulans_FGSC_A4:2217670-2218925	WT_5hasex	WT_veg	OK	393,846	387,676	-0,0227817	0,0449522	0,964145	0,986992	no
ivdA	ChrIII_A_nidulans_FGSC_A4:1313102-1314740	WT_5hasex	WT_veg	OK	15,8142	40,0175	1,33941	-2,24573	0,0247215	0,104474	no
ivoA	ChrIII_A_nidulans_FGSC_A4:1433761-1438937	WT_5hasex	WT_veg	NOTEST	0,773135	1,10822	0,519452	-0,683505	0,494288	1	no
ivoB	ChrVIII_A_nidulans_FGSC_A4:4208565-4209844	WT_5hasex	WT_veg	OK	214,457	8,3293	-4,68635	6,6609	2,7216E-11	1,2035E-09	yes
ivoC	ChrIII_A_nidulans_FGSC_A4:1431691-1433386	WT_5hasex	WT_veg	OK	6,81048	0	-1.79769e+308	-1.79769e+308	0,00527214	0,0310347	yes
jlba	ChrVII_A_nidulans_FGSC_A4:1964062-1965095	WT_5hasex	WT_veg	OK	302,758	1629,73	2,42839	-4,7328	2,2144E-06	3,7566E-05	yes
kapA	ChrVII_A_nidulans_FGSC_A4:3011826-3014534	WT_5hasex	WT_veg	OK	109,491	226,376	1,0479	-2,09236	0,0364067	0,140651	no
kapB	ChrVIII_A_nidulans_FGSC_A4:2106915-2109968	WT_5hasex	WT_veg	OK	47,0837	94,3812	1,00327	-2,10078	0,03566	0,138575	no
kapG	ChrVII_A_nidulans_FGSC_A4:3076356-3078368	WT_5hasex	WT_veg	OK	115,878	220,408	0,927569	-1,86422	0,0622915	0,207453	no
kapI	ChrV_A_nidulans_FGSC_A4:1899834-1903567	WT_5hasex	WT_veg	OK	72,0124	195,828	1,44327	-2,90731	0,0036455	0,0229992	yes
kapK	ChrVIII_A_nidulans_FGSC_A4:624142-628650	WT_5hasex	WT_veg	OK	87,0715	146,212	0,747785	-1,43149	0,15229	0,382895	no
katA	ChrVI_A_nidulans_FGSC_A4:2498268-2499099	WT_5hasex	WT_veg	OK	48,5249	79,2548	0,707774	-1,34503	0,178615	0,424116	no
kfsA	ChrVIII_A_nidulans_FGSC_A4:2368978-2372385	WT_5hasex	WT_veg	OK	16,9886	21,2845	0,325237	-0,625591	0,531584	0,770819	no
kgdA	ChrV_A_nidulans_FGSC_A4:2371243-2375139	WT_5hasex	WT_veg	OK	92,61	229,073	1,30657	-2,53961	0,0110975	0,0565581	no

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kgdB	ChrVI_A_nidulans_FGSC_A4:634354-637153	WT_5hasex	WT_veg	OK	294,17	770,121	1,38844	-2,61358	0,00895981	0,0478118	yes
kinA	ChrV_A_nidulans_FGSC_A4:3088985-3092285	WT_5hasex	WT_veg	OK	21,3503	42,3809	0,989157	-2,00668	0,0447839	0,164017	no
kipA	ChrII_A_nidulans_FGSC_A4:1386226-1388945	WT_5hasex	WT_veg	OK	6,56032	15,1515	1,20762	-2,11743	0,0342232	0,134445	no
kipB	ChrIII_A_nidulans_FGSC_A4:1811922-1814948	WT_5hasex	WT_veg	OK	22,6684	33,0518	0,544046	-1,10625	0,268617	0,540369	no
kipA	ChrI_A_nidulans_FGSC_A4:473442-476895	WT_5hasex	WT_veg	OK	35,1062	79,7511	1,18378	-2,40503	0,0161712	0,0758304	no
kpcA	ChrII_A_nidulans_FGSC_A4:3690970-3693786	WT_5hasex	WT_veg	OK	34,044	76,8174	1,17403	-2,4473	0,0143932	0,0692909	no
lacA	ChrVIII_A_nidulans_FGSC_A4:2561073-2564478	WT_5hasex	WT_veg	NOTEST	0,97039	2,57684	1,40897	-1,73997	0,0818634	1	no
lacB	ChrVIII_A_nidulans_FGSC_A4:1893855-1897332	WT_5hasex	WT_veg	OK	18,2317	29,0856	0,673857	-1,36745	0,171485	0,413286	no
lacC	ChrVIII_A_nidulans_FGSC_A4:4325240-4328180	WT_5hasex	WT_veg	NOTEST	0,521562	1,27522	1,28984	-1,27372	0,202763	1	no
lacD	ChrVI_A_nidulans_FGSC_A4:1500035-1503292	WT_5hasex	WT_veg	NOTEST	0,129952	0,0524184	-1,30983	0,416341	0,677161	1	no
lacE	ChrI_A_nidulans_FGSC_A4:333442-336147	WT_5hasex	WT_veg	NOTEST	0,785553	1,47321	0,907185	-1,01995	0,307754	1	no
lacF	ChrVII_A_nidulans_FGSC_A4:4022860-4025978	WT_5hasex	WT_veg	OK	11,9474	10,5762	-0,175881	0,340194	0,733711	0,887635	no
ladA	ChrVIII_A_nidulans_FGSC_A4:2004338-2005825	WT_5hasex	WT_veg	OK	34,8316	74,4375	1,09563	-1,85299	0,0638835	0,21122	no
ladB	ChrIII_A_nidulans_FGSC_A4:2351901-2353104	WT_5hasex	WT_veg	OK	32,1002	9,12944	-1,81398	3,031	0,00243746	0,0164603	yes
ladC	ChrV_A_nidulans_FGSC_A4:843276-844532	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
laeA	ChrVIII_A_nidulans_FGSC_A4:2422245-2423500	WT_5hasex	WT_veg	OK	25,9324	41,903	0,692297	-1,2323	0,217837	0,4784	no
lagA	ChrVII_A_nidulans_FGSC_A4:4026094-4028135	WT_5hasex	WT_veg	OK	46,3019	44,3151	-0,0632709	0,130499	0,896172	0,960305	no
lamA	ChrVIII_A_nidulans_FGSC_A4:2169333-2173411	WT_5hasex	WT_veg	OK	17,449	15,4394	-0,176529	0,355928	0,721895	0,881439	no
lamB	ChrVIII_A_nidulans_FGSC_A4:2173829-2174681	WT_5hasex	WT_veg	OK	63,4307	59,6909	-0,0876705	0,163688	0,869976	0,950309	no
lcbA	ChrII_A_nidulans_FGSC_A4:3262116-3264410	WT_5hasex	WT_veg	OK	58,4745	121,448	1,05446	-2,18954	0,0285575	0,116666	no
lccA	ChrI_A_nidulans_FGSC_A4:3314683-3316243	WT_5hasex	WT_veg	NOTEST	0,559323	0,596305	0,0923697	-0,0601617	0,952027	1	no
lccB	ChrVI_A_nidulans_FGSC_A4:210508-212513	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
lccC	ChrV_A_nidulans_FGSC_A4:2943943-2945993	WT_5hasex	WT_veg	NOTEST	0,149761	0,496626	1,72949	-1,04882	0,29426	1	no
lccD	ChrVIII_A_nidulans_FGSC_A4:2188614-2190529	WT_5hasex	WT_veg	OK	28,1323	9,8207	-1,51833	2,90925	0,00362297	0,0228846	yes
ldhA	ChrI_A_nidulans_FGSC_A4:2060296-2061498	WT_5hasex	WT_veg	OK	7,54738	4,30263	-0,810759	1,03088	0,302596	0,57835	no
leu2B	ChrVI_A_nidulans_FGSC_A4:2797132-2798366	WT_5hasex	WT_veg	OK	16,4895	40,7346	1,3047	-2,25778	0,0239593	0,102108	no
leuB	ChrIII_A_nidulans_FGSC_A4:1888479-1891295	WT_5hasex	WT_veg	OK	51,0294	75,8689	0,572182	-1,16231	0,245108	0,51272	no
lipA	ChrIV_A_nidulans_FGSC_A4:1205837-1208037	WT_5hasex	WT_veg	NOTEST	1,36594	3,7136	1,44292	-1,76595	0,0774045	1	no
lreA	ChrVI_A_nidulans_FGSC_A4:729190-731996	WT_5hasex	WT_veg	OK	12,4583	18,3619	0,559611	-1,06551	0,286643	0,560934	no
lreB	ChrII_A_nidulans_FGSC_A4:3630733-3632041	WT_5hasex	WT_veg	OK	7,12293	26,5849	1,90007	-2,9857	0,00282932	0,0186135	yes
lsdA	ChrVII_A_nidulans_FGSC_A4:3580969-3582091	WT_5hasex	WT_veg	NOTEST	0,980871	0,164604	-2,57506	0,850188	0,39522	1	no
luA	ChrI_A_nidulans_FGSC_A4:1907208-1909783	WT_5hasex	WT_veg	OK	26,2728	14,6869	-0,839043	1,5444	0,122493	0,332049	no
lys	Contig-mt188_A_nidulans_FGSC_A4:4948-5021	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
lysA	ChrVI_A_nidulans_FGSC_A4:2538823-2540521	WT_5hasex	WT_veg	OK	171,893	237,428	0,465975	-0,935332	0,349617	0,625204	no
lysB	ChrV_A_nidulans_FGSC_A4:1483669-1485008	WT_5hasex	WT_veg	OK	125,338	119,994	-0,0628514	0,127769	0,898332	0,961065	no
lysF	ChrI_A_nidulans_FGSC_A4:2356780-2359253	WT_5hasex	WT_veg	OK	24,0748	42,7998	0,830078	-1,59256	0,111259	0,311525	no
mad1	ChrVIII_A_nidulans_FGSC_A4:2768160-2770496	WT_5hasex	WT_veg	OK	10,6443	19,3932	0,865467	-1,57576	0,115081	0,31842	no
mad2	ChrVII_A_nidulans_FGSC_A4:4189671-4190691	WT_5hasex	WT_veg	OK	86,8723	160,133	0,882305	-1,79051	0,0733723	0,233015	no
maeA	ChrI_A_nidulans_FGSC_A4:1031633-1033880	WT_5hasex	WT_veg	OK	78,5002	487,899	2,63581	-5,42662	5,7432E-08	1,4143E-06	yes
maeB	ChrI_A_nidulans_FGSC_A4:3620852-3622850	WT_5hasex	WT_veg	OK	37,2925	82,8004	1,15075	-2,35444	0,0185504	0,0840535	no
maiA	ChrVII_A_nidulans_FGSC_A4:2182403-2183268	WT_5hasex	WT_veg	OK	17,0023	60,9156	1,84108	-2,96779	0,00299952	0,0195416	yes
manA	ChrVIII_A_nidulans_FGSC_A4:2837921-2839550	WT_5hasex	WT_veg	OK	82,5749	129,047	0,644123	-1,33345	0,182385	0,429769	no
manB	ChrVI_A_nidulans_FGSC_A4:1202469-1203747	WT_5hasex	WT_veg	NOTEST	0	0,829728	1.79769e+308	1.79769e+308	0,0716995	1	no
manC	ChrI_A_nidulans_FGSC_A4:225256-226710	WT_5hasex	WT_veg	NOTEST	0,183062	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
manD	ChrIV_A_nidulans_FGSC_A4:2225262-2226620	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
manE	ChrIV_A_nidulans_FGSC_A4:37340-38408	WT_5hasex	WT_veg	NOTEST	0,193338	0,775018	2,00311	-0,842631	0,399435	1	no
manF	ChrVIII_A_nidulans_FGSC_A4:152892-154365	WT_5hasex	WT_veg	NOTEST	0,359809	0	-1.79769e+308	-1.79769e+308	0,133588	1	no
mbf1	ChrVI_A_nidulans_FGSC_A4:2144521-2147001	WT_5hasex	WT_veg	OK	321,034	1201,17	1,90364	-3,39459	0,00068732	0,00570612	yes
mccA	ChrIII_A_nidulans_FGSC_A4:1308673-1311503	WT_5hasex	WT_veg	OK	14,1973	25,6449	0,853057	-1,57365	0,115568	0,319319	no
mccB	ChrIII_A_nidulans_FGSC_A4:1314942-1316924	WT_5hasex	WT_veg	OK	17,0517	27,4114	0,684863	-1,22277	0,221416	0,483009	no
mcdA	ChrVII_A_nidulans_FGSC_A4:1373200-1374919	WT_5hasex	WT_veg	OK	2,92002	4,40485	0,593117	-0,771768	0,440252	0,704387	no
mcdB	ChrI_A_nidulans_FGSC_A4:2698842-2700996	WT_5hasex	WT_veg	OK	108,416	117,185	0,112215	-0,223931	0,822811	0,929224	no
mclA	ChrIII_A_nidulans_FGSC_A4:2911119-2913148	WT_5hasex	WT_veg	OK	40,3417	59,3682	0,557419	-1,14116	0,253803	0,523148	no

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mcmA	ChrIII_A_nidulans_FGSC_A4:3147332-3148240	WT_5hasex	WT_veg	OK	120,795	165,62	0,455308	-0,928676	0,353057	0,6286	no
mcnA	ChrVI_A_nidulans_FGSC_A4:3128184-3130192	WT_5hasex	WT_veg	OK	148,851	260,727	0,80867	-1,63293	0,102484	0,294736	no
mcnB	ChrIII_A_nidulans_FGSC_A4:2580917-2583071	WT_5hasex	WT_veg	OK	12,7277	20,698	0,701518	-1,28465	0,198915	0,452894	no
mcnC	ChrVI_A_nidulans_FGSC_A4:2544121-2547082	WT_5hasex	WT_veg	OK	39,1099	79,0966	1,01608	-2,14219	0,0321784	0,128102	no
mcsA	ChrI_A_nidulans_FGSC_A4:2731855-2733574	WT_5hasex	WT_veg	OK	17,5596	46,5272	1,40581	-2,43544	0,0148738	0,0710822	no
mctA	ChrVI_A_nidulans_FGSC_A4:2632015-2633353	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
mdhA	ChrI_A_nidulans_FGSC_A4:2957611-2959180	WT_5hasex	WT_veg	OK	757,896	1070,43	0,498112	-0,870557	0,383996	0,657759	no
mdhB	ChrIII_A_nidulans_FGSC_A4:231110-232395	WT_5hasex	WT_veg	NOTEST	0,714725	2,3436	1,71327	-1,36487	0,172295	1	no
mdhC	ChrI_A_nidulans_FGSC_A4:2296746-2299444	WT_5hasex	WT_veg	OK	516,303	1201,06	1,21802	-2,13427	0,032821	0,130009	no
mdmB	ChrI_A_nidulans_FGSC_A4:3519025-3520430	WT_5hasex	WT_veg	OK	18,4338	20,0694	0,122643	-0,221476	0,824722	0,930087	no
mdpA	ChrVIII_A_nidulans_FGSC_A4:4458695-4460205	WT_5hasex	WT_veg	OK	1,12835	22,6884	4,32967	-4,56687	4,9505E-06	7,6705E-05	yes
mdpB	ChrVIII_A_nidulans_FGSC_A4:4457665-4458357	WT_5hasex	WT_veg	NOTEST	1,09304	1,3422	0,296261	-0,199372	0,841972	1	no
mdpC	ChrVIII_A_nidulans_FGSC_A4:4456517-4457370	WT_5hasex	WT_veg	NOTEST	0,884851	0,233396	-1,92266	0,619862	0,535349	1	no
mdpD	ChrVIII_A_nidulans_FGSC_A4:4454243-4455887	WT_5hasex	WT_veg	NOTEST	0,295565	0,517541	0,808198	-0,474002	0,635499	1	no
mdpE	ChrVIII_A_nidulans_FGSC_A4:4452409-4453717	WT_5hasex	WT_veg	NOTEST	0,41651	1,25027	1,58582	-1,27028	0,203984	1	no
mdpF	ChrVIII_A_nidulans_FGSC_A4:4449913-4450931	WT_5hasex	WT_veg	NOTEST	0,91195	1,81049	0,989351	-0,811002	0,417365	1	no
mdpG	ChrVIII_A_nidulans_FGSC_A4:4443883-4449445	WT_5hasex	WT_veg	NOTEST	1,14865	2,27147	0,983688	-1,38197	0,166981	1	no
mdpH	ChrVIII_A_nidulans_FGSC_A4:4441986-4443578	WT_5hasex	WT_veg	NOTEST	0	0,711085	1.79769e+308	1.79769e+308	0,123323	1	no
mdpI	ChrVIII_A_nidulans_FGSC_A4:4439761-4441619	WT_5hasex	WT_veg	NOTEST	0,283025	0	-1.79769e+308	-1.79769e+308	0,0966285	1	no
mdpJ	ChrVIII_A_nidulans_FGSC_A4:4438817-4439616	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
mdpK	ChrVIII_A_nidulans_FGSC_A4:4437655-4438453	WT_5hasex	WT_veg	NOTEST	0,227626	1,06128	2,22106	-1,14626	0,251686	1	no
mdpL	ChrVIII_A_nidulans_FGSC_A4:4435954-4437295	WT_5hasex	WT_veg	NOTEST	0	0,608943	1.79769e+308	1.79769e+308	0,123323	1	no
meaA	ChrIV_A_nidulans_FGSC_A4:1615942-1618264	WT_5hasex	WT_veg	OK	301,534	1015,85	1,75229	-3,23649	0,00121009	0,00918471	yes
meaB	ChrIII_A_nidulans_FGSC_A4:618106-620369	WT_5hasex	WT_veg	OK	29,9993	233,384	2,95971	-6,08384	1,1734E-09	4,0992E-08	yes
mecA	ChrI_A_nidulans_FGSC_A4:2156201-2158177	WT_5hasex	WT_veg	OK	92,3829	100,924	0,127568	-0,262683	0,792795	0,915853	no
mecB	ChrVII_A_nidulans_FGSC_A4:805736-807575	WT_5hasex	WT_veg	OK	168,547	363,675	1,1095	-2,16817	0,0301457	0,121777	no
medA	ChrI_A_nidulans_FGSC_A4:821579-826200	WT_5hasex	WT_veg	OK	36,2331	57,3492	0,662466	-1,38234	0,166867	0,405894	no
mepA	ChrVIII_A_nidulans_FGSC_A4:1270950-1273418	WT_5hasex	WT_veg	OK	947,022	1528,64	0,690775	-0,836388	0,402937	0,674246	no
mepB	ChrVIII_A_nidulans_FGSC_A4:4287929-4289568	WT_5hasex	WT_veg	OK	109,296	166,921	0,610928	-0,950003	0,342111	0,61765	no
mepC	ChrVIII_A_nidulans_FGSC_A4:3375363-3377796	WT_5hasex	WT_veg	OK	28,1907	56,7701	1,00991	-1,95905	0,0501074	0,177798	no
mesA	ChrVIII_A_nidulans_FGSC_A4:4094954-4097434	WT_5hasex	WT_veg	OK	11,4394	9,93497	-0,203418	0,376138	0,706814	0,873281	no
metA	ChrII_A_nidulans_FGSC_A4:1167800-1169932	WT_5hasex	WT_veg	OK	22,5541	32,1566	0,511723	-1,02085	0,307324	0,583344	no
metE	ChrVII_A_nidulans_FGSC_A4:3267092-3269073	WT_5hasex	WT_veg	OK	39,9354	157,481	1,97943	-4,0736	4,6291E-05	0,00055967	yes
metF	ChrI_A_nidulans_FGSC_A4:1923535-1926011	WT_5hasex	WT_veg	OK	61,3215	57,0674	-0,103727	0,211134	0,832782	0,933564	no
metG	ChrIV_A_nidulans_FGSC_A4:1190057-1191628	WT_5hasex	WT_veg	OK	28,7576	54,1515	0,913059	-1,77008	0,0767144	0,24066	no
metH	ChrIII_A_nidulans_FGSC_A4:2032093-2034995	WT_5hasex	WT_veg	OK	718,255	718,19	-0,000130784	0,000208469	0,999834	0,999903	no
metR	ChrIII_A_nidulans_FGSC_A4:2281128-2282899	WT_5hasex	WT_veg	OK	329,543	640,049	0,957716	-1,82108	0,068595	0,222303	no
mid1	ChrIII_A_nidulans_FGSC_A4:2620162-2622472	WT_5hasex	WT_veg	OK	23,4074	59,3016	1,34111	-2,74313	0,00608575	0,0349294	yes
mipA	ChrVIII_A_nidulans_FGSC_A4:2818652-2820525	WT_5hasex	WT_veg	OK	52,7617	157,682	1,57945	-3,2409	0,00119155	0,00907577	yes
mirA	ChrIV_A_nidulans_FGSC_A4:2727820-2730060	WT_5hasex	WT_veg	OK	2,25142	4,78089	1,08644	-1,4614	0,143905	0,369109	no
mirB	ChrV_A_nidulans_FGSC_A4:804124-806301	WT_5hasex	WT_veg	OK	4,18992	1,12288	-1,89972	2,10167	0,0355826	0,138375	no
mirC	ChrIV_A_nidulans_FGSC_A4:1695641-1698374	WT_5hasex	WT_veg	OK	88,8397	44,917	-0,983943	1,99991	0,0455103	0,165924	no
mkkA	ChrII_A_nidulans_FGSC_A4:1815443-1817173	WT_5hasex	WT_veg	OK	57,1752	133,624	1,22472	-2,48204	0,0130631	0,0642996	no
mlp1	ChrV_A_nidulans_FGSC_A4:2600151-2606453	WT_5hasex	WT_veg	OK	18,5688	32,6434	0,813912	-1,67148	0,0946264	0,278574	no
mndA	ChrVII_A_nidulans_FGSC_A4:1767444-1770366	WT_5hasex	WT_veg	OK	21,753	35,7809	0,717972	-1,41673	0,156561	0,389754	no
mndB	ChrVI_A_nidulans_FGSC_A4:941981-944723	WT_5hasex	WT_veg	OK	24,3222	27,8384	0,194799	-0,397303	0,691144	0,864252	no
mndC	ChrVI_A_nidulans_FGSC_A4:2681883-2684463	WT_5hasex	WT_veg	NOTEST	1,72069	1,54356	-0,156726	0,187898	0,850957	1	no
mnpA	ChrVII_A_nidulans_FGSC_A4:4048932-4049431	WT_5hasex	WT_veg	OK	53,0363	231,876	2,1283	-3,75877	0,00017075	0,00174009	yes
mns1A	ChrII_A_nidulans_FGSC_A4:3240022-3242719	WT_5hasex	WT_veg	OK	16,294	24,079	0,563429	-1,06651	0,286192	0,56049	no
mns1B	ChrVIII_A_nidulans_FGSC_A4:2473064-2474751	WT_5hasex	WT_veg	OK	53,8915	147,655	1,4541	-2,8865	0,00389554	0,0242671	yes
mns1C	ChrII_A_nidulans_FGSC_A4:3744355-3746238	WT_5hasex	WT_veg	OK	12,6365	19,0608	0,593009	-0,99047	0,321712	0,597941	no
mobA	ChrI_A_nidulans_FGSC_A4:646997-648088	WT_5hasex	WT_veg	OK	46,2141	101,11	1,12952	-2,20224	0,0276484	0,113891	no
mobB	ChrVIII_A_nidulans_FGSC_A4:724338-725993	WT_5hasex	WT_veg	OK	62,5533	63,2823	0,0167167	-0,0330109	0,973666	0,99069	no

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modA	ChrIV_A_nidulans_FGSC_A4:1699119-1700729	WT_5hasex	WT_veg	OK	162,145	165,031	0,0254581	-0,050841	0,959452	0,985009	no
mpkA	ChrV_A_nidulans_FGSC_A4:2038482-2039740	WT_5hasex	WT_veg	OK	122,986	293,678	1,25574	-2,51977	0,011743	0,0591024	no
mpkB	ChrII_A_nidulans_FGSC_A4:3287538-3288944	WT_5hasex	WT_veg	OK	170,704	428,705	1,32849	-2,68618	0,00722737	0,0401621	yes
mpkC	ChrIII_A_nidulans_FGSC_A4:1364035-1365569	WT_5hasex	WT_veg	OK	40,2233	55,0399	0,452447	-0,880458	0,378611	0,653163	no
mrA	ChrVIII_A_nidulans_FGSC_A4:3180913-3183249	WT_5hasex	WT_veg	OK	10,5957	9,46817	-0,162318	0,28226	0,777744	0,909068	no
mrpA	ChrI_A_nidulans_FGSC_A4:614103-615496	WT_5hasex	WT_veg	OK	114,165	201,576	0,820209	-1,67421	0,09409	0,277353	no
msb1	ChrVI_A_nidulans_FGSC_A4:2176482-2179828	WT_5hasex	WT_veg	OK	13,7608	22,9833	0,740022	-1,45313	0,146189	0,372884	no
mshA	ChrVII_A_nidulans_FGSC_A4:1678180-1682022	WT_5hasex	WT_veg	OK	17,6987	48,8573	1,46493	-2,9446	0,00323367	0,0208043	yes
msnA	ChrVII_A_nidulans_FGSC_A4:1498628-1500817	WT_5hasex	WT_veg	OK	114,342	169,711	0,569723	-1,16457	0,244194	0,511645	no
msrA	ChrIII_A_nidulans_FGSC_A4:1810538-1811488	WT_5hasex	WT_veg	OK	93,927	272,237	1,53525	-3,18471	0,00144901	0,0106689	yes
msrB	ChrVII_A_nidulans_FGSC_A4:2303180-2303714	WT_5hasex	WT_veg	OK	42,8546	201,156	2,2308	-3,97955	6,9046E-05	0,0007945	yes
mstA	ChrIII_A_nidulans_FGSC_A4:2984047-2986162	WT_5hasex	WT_veg	NOTEST	0,601061	1,53618	1,35376	-1,34076	0,179999	1	no
mstB	ChrVII_A_nidulans_FGSC_A4:4060835-4062800	WT_5hasex	WT_veg	OK	25,197	25,5363	0,0192964	-0,036645	0,970768	0,98937	no
mstE	ChrI_A_nidulans_FGSC_A4:1985003-1987018	WT_5hasex	WT_veg	OK	2986,7	2190,19	-0,447495	0,552472	0,580625	0,801399	no
mthA	ChrII_A_nidulans_FGSC_A4:1853113-1854640	WT_5hasex	WT_veg	OK	19,9932	29,3439	0,553554	-1,03401	0,301131	0,576849	no
mr4	ChrIII_A_nidulans_FGSC_A4:2124623-2128055	WT_5hasex	WT_veg	OK	14,3422	65,5968	2,19336	-4,40293	0,00001068	0,00015235	yes
musN	ChrVII_A_nidulans_FGSC_A4:2822328-2828770	WT_5hasex	WT_veg	OK	14,6334	19,2662	0,396803	-0,806002	0,420242	0,688387	no
mutA	ChrIV_A_nidulans_FGSC_A4:218463-220050	WT_5hasex	WT_veg	NOTEST	0,948411	0,123365	-2,94258	0,97539	0,329367	1	no
myg1	ChrII_A_nidulans_FGSC_A4:1856615-1857757	WT_5hasex	WT_veg	OK	58,1728	99,486	0,77415	-1,55796	0,119243	0,326313	no
myoA	ChrVII_A_nidulans_FGSC_A4:1166695-1171248	WT_5hasex	WT_veg	OK	37,4242	98,2277	1,39216	-2,9116	0,00359586	0,0227463	yes
nadA	ChrI_A_nidulans_FGSC_A4:1325825-1326920	WT_5hasex	WT_veg	OK	28,1424	244,99	3,1219	-5,96588	2,4331E-09	7,9242E-08	yes
nagA	ChrVII_A_nidulans_FGSC_A4:994216-996171	WT_5hasex	WT_veg	OK	20,8536	39,2706	0,913156	-1,78316	0,07456	0,235566	no
napA	ChrIV_A_nidulans_FGSC_A4:1788866-1791254	WT_5hasex	WT_veg	OK	158,856	532,802	1,74588	-3,29612	0,00098032	0,00772141	yes
napB	ChrII_A_nidulans_FGSC_A4:999810-1002123	WT_5hasex	WT_veg	OK	98,097	486,536	2,31027	-4,77638	1,7848E-06	3,0959E-05	yes
ndc1	ChrIII_A_nidulans_FGSC_A4:2112463-2114930	WT_5hasex	WT_veg	OK	23,6686	51,7839	1,12953	-2,30211	0,0213287	0,0936069	no
ndc80	ChrIII_A_nidulans_FGSC_A4:418061-420348	WT_5hasex	WT_veg	OK	7,64134	14,8352	0,957123	-1,677	0,0935429	0,276284	no
ndeA	ChrIV_A_nidulans_FGSC_A4:1735806-1738419	WT_5hasex	WT_veg	OK	180,614	470,084	1,38001	-2,4677	0,0135984	0,0662991	no
ndhA	Contig-mt197_A_nidulans_FGSC_A4:6042-7101	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ndhB	Contig-mt197_A_nidulans_FGSC_A4:2-305	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ndhD	Contig-mt197_A_nidulans_FGSC_A4:7347-7797	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ndhF	Contig-mt188_A_nidulans_FGSC_A4:5927-6614	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ndiA	ChrV_A_nidulans_FGSC_A4:3194296-3195877	WT_5hasex	WT_veg	NOTEST	0,807139	2,20849	1,45217	-1,52452	0,12738	1	no
ndiF	ChrVIII_A_nidulans_FGSC_A4:1539657-1542242	WT_5hasex	WT_veg	OK	120,65	1102,78	3,19225	-6,02335	1,7085E-09	5,706E-08	yes
nha1	ChrIV_A_nidulans_FGSC_A4:533205-536509	WT_5hasex	WT_veg	OK	32,789	54,9625	0,745235	-1,53618	0,124495	0,335482	no
niaD	ChrVIII_A_nidulans_FGSC_A4:1823376-1826348	WT_5hasex	WT_veg	OK	52,8505	44,2269	-0,256993	0,523397	0,600698	0,813641	no
nic96	ChrIV_A_nidulans_FGSC_A4:1406847-1410477	WT_5hasex	WT_veg	OK	37,2872	118,362	1,66646	-3,44759	0,00056562	0,00483987	yes
niiA	ChrVIII_A_nidulans_FGSC_A4:1818280-1822109	WT_5hasex	WT_veg	OK	591,815	170,197	-1,79794	2,69976	0,00693889	0,0388682	yes
nikA	ChrIII_A_nidulans_FGSC_A4:1914036-1917994	WT_5hasex	WT_veg	OK	122,095	93,5592	-0,384056	0,745806	0,455784	0,717041	no
nimA	ChrIII_A_nidulans_FGSC_A4:2975356-2977573	WT_5hasex	WT_veg	OK	18,1282	29,1227	0,683908	-1,34282	0,179329	0,425174	no
nimE	ChrII_A_nidulans_FGSC_A4:3492935-3495574	WT_5hasex	WT_veg	OK	77,0557	142,841	0,890433	-1,82014	0,068738	0,222593	no
nimO	ChrVII_A_nidulans_FGSC_A4:1856409-1859705	WT_5hasex	WT_veg	OK	32,9072	46,237	0,490647	-1,01631	0,30948	0,585888	no
nimT	ChrII_A_nidulans_FGSC_A4:2581917-2583979	WT_5hasex	WT_veg	OK	84,4099	133,719	0,663717	-1,34418	0,17889	0,424498	no
nimU	ChrVII_A_nidulans_FGSC_A4:3009772-3011449	WT_5hasex	WT_veg	OK	17,2237	18,9321	0,136438	-0,254953	0,79876	0,918839	no
nimX	ChrII_A_nidulans_FGSC_A4:1843641-1844999	WT_5hasex	WT_veg	OK	58,034	126,411	1,12315	-2,30139	0,0213698	0,0937403	no
nirA	ChrVIII_A_nidulans_FGSC_A4:4617253-4620136	WT_5hasex	WT_veg	OK	37,9787	56,4817	0,572593	-1,09357	0,274144	0,546898	no
nitA	ChrIII_A_nidulans_FGSC_A4:3268376-3269444	WT_5hasex	WT_veg	OK	146,26	410,639	1,48934	-2,31485	0,020621	0,0912731	no
nkuA	ChrIV_A_nidulans_FGSC_A4:2598511-2600686	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
nkuB	ChrIII_A_nidulans_FGSC_A4:1679477-1682080	WT_5hasex	WT_veg	OK	50,232	129,699	1,36849	-2,78919	0,00528396	0,0310868	yes
nmdA	ChrI_A_nidulans_FGSC_A4:2873669-2879359	WT_5hasex	WT_veg	OK	22,532	29,8581	0,406146	-0,832445	0,405158	0,676304	no
nmrA	ChrII_A_nidulans_FGSC_A4:992770-993897	WT_5hasex	WT_veg	OK	18,9442	27,6485	0,545448	-0,949483	0,342375	0,617876	no
nmt1	ChrII_A_nidulans_FGSC_A4:488022-489597	WT_5hasex	WT_veg	OK	2512,83	889,419	-1,49838	1,68895	0,0912291	0,271408	no
nop10	ChrII_A_nidulans_FGSC_A4:1290279-1290956	WT_5hasex	WT_veg	OK	152,975	657,854	2,10447	-4,10316	4,0754E-05	0,00050131	yes
nop58	ChrVI_A_nidulans_FGSC_A4:1604575-1606823	WT_5hasex	WT_veg	OK	64,9903	503,767	2,95446	-5,76331	8,248E-09	2,4364E-07	yes

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nopA	ChrVI_A_nidulans_FGSC_A4:963177-964743	WT_5hasex	WT_veg	OK	1458,17	2243,18	0,621389	-0,867282	0,385787	0,659665	no
nosA	ChrVII_A_nidulans_FGSC_A4:2057388-2059740	WT_5hasex	WT_veg	OK	105,559	271,052	1,36053	-2,36133	0,0182095	0,0828527	no
noxA	ChrV_A_nidulans_FGSC_A4:2750332-2752389	WT_5hasex	WT_veg	OK	23,1572	38,0007	0,714566	-1,27405	0,202645	0,458327	no
npqA	ChrI_A_nidulans_FGSC_A4:1110159-1111292	WT_5hasex	WT_veg	OK	18,0595	16,0953	-0,166118	0,285902	0,774953	0,908015	no
npkA	ChrI_A_nidulans_FGSC_A4:1430045-1432033	WT_5hasex	WT_veg	OK	35,6621	72,7762	1,02907	-2,08369	0,0371887	0,142913	no
nrtB	ChrVIII_A_nidulans_FGSC_A4:3677788-3679474	WT_5hasex	WT_veg	OK	55,0756	142,246	1,3689	-2,33513	0,0195367	0,0875193	no
nsa2	ChrVI_A_nidulans_FGSC_A4:2371777-2373026	WT_5hasex	WT_veg	OK	43,2869	173,061	1,99928	-3,90871	9,2791E-05	0,00102841	yes
nsdC	ChrII_A_nidulans_FGSC_A4:1585557-1587489	WT_5hasex	WT_veg	OK	24,3836	59,9122	1,29694	-2,63775	0,00834591	0,0450729	yes
nsdD	ChrVI_A_nidulans_FGSC_A4:1646412-1649245	WT_5hasex	WT_veg	OK	42,6645	69,5674	0,705375	-1,47823	0,139345	0,361395	no
nsfA	ChrVI_A_nidulans_FGSC_A4:1842729-1845667	WT_5hasex	WT_veg	OK	50,4599	64,4917	0,353975	-0,732414	0,463916	0,723193	no
nsp1	ChrIII_A_nidulans_FGSC_A4:1851596-1853611	WT_5hasex	WT_veg	OK	35,0385	65,1455	0,894724	-1,84482	0,065064	0,214042	no
nucA	ChrVII_A_nidulans_FGSC_A4:3137728-3138733	WT_5hasex	WT_veg	OK	30,8088	70,2636	1,18944	-2,24793	0,0245809	0,104021	no
nudA	ChrVIII_A_nidulans_FGSC_A4:4538249-4551348	WT_5hasex	WT_veg	OK	7,15934	11,8796	0,730592	-1,55271	0,120493	0,328516	no
nudC	ChrV_A_nidulans_FGSC_A4:1416053-1416901	WT_5hasex	WT_veg	OK	78,3045	188,61	1,26824	-2,5637	0,0103563	0,0535569	no
nudE	ChrI_A_nidulans_FGSC_A4:1184702-1186984	WT_5hasex	WT_veg	OK	71,0403	81,0283	0,189788	-0,384301	0,700756	0,869795	no
nudF	ChrI_A_nidulans_FGSC_A4:953051-954502	WT_5hasex	WT_veg	OK	28,8265	23,3201	-0,305822	0,591926	0,5539	0,784441	no
nudG	ChrVIII_A_nidulans_FGSC_A4:3604816-3605709	WT_5hasex	WT_veg	OK	362,117	598,289	0,724385	-1,48182	0,138388	0,359819	no
nudI	ChrVII_A_nidulans_FGSC_A4:826263-828548	WT_5hasex	WT_veg	OK	13,1754	20,4519	0,634383	-1,20348	0,228792	0,491884	no
nudK	ChrVII_A_nidulans_FGSC_A4:2367318-2368566	WT_5hasex	WT_veg	OK	32,4944	35,1387	0,112867	-0,218488	0,827049	0,931197	no
nudM	ChrI_A_nidulans_FGSC_A4:535511-539583	WT_5hasex	WT_veg	OK	10,1404	15,4463	0,607155	-1,18416	0,236348	0,501741	no
nudN	ChrIII_A_nidulans_FGSC_A4:1374007-1376021	WT_5hasex	WT_veg	OK	28,1446	34,8525	0,308405	-0,617942	0,536614	0,773409	no
nudR	ChrIII_A_nidulans_FGSC_A4:560621-562633	WT_5hasex	WT_veg	OK	16,0639	32,7255	1,0266	-1,95661	0,0503934	0,178487	no
nup120	ChrVIII_A_nidulans_FGSC_A4:1103912-1108145	WT_5hasex	WT_veg	OK	17,0678	32,3801	0,923834	-1,89906	0,0575572	0,196801	no
nup133	ChrIII_A_nidulans_FGSC_A4:2476101-2480183	WT_5hasex	WT_veg	OK	25,2637	34,5803	0,452883	-0,938667	0,347902	0,623603	no
nup159	ChrVII_A_nidulans_FGSC_A4:2817519-2822024	WT_5hasex	WT_veg	OK	13,4205	29,5211	1,13731	-2,33154	0,019725	0,0881711	no
nup170	ChrI_A_nidulans_FGSC_A4:3022534-3026843	WT_5hasex	WT_veg	OK	23,4113	30,934	0,401989	-0,833982	0,404291	0,675477	no
nup192	ChrVIII_A_nidulans_FGSC_A4:4791340-4796695	WT_5hasex	WT_veg	OK	19,2847	26,5783	0,46279	-0,955869	0,339139	0,615017	no
nup2	ChrV_A_nidulans_FGSC_A4:2654654-2659037	WT_5hasex	WT_veg	OK	16,2851	52,535	1,68973	-3,46964	0,00052116	0,00450951	yes
nup37	ChrVI_A_nidulans_FGSC_A4:2842356-2851019	WT_5hasex	WT_veg	OK	20,8141	37,6185	0,853885	-1,69225	0,0905979	0,270313	no
nup42	ChrIII_A_nidulans_FGSC_A4:1575699-1577537	WT_5hasex	WT_veg	OK	12,7269	24,8695	0,966499	-1,70013	0,0891064	0,267278	no
nup49	ChrVII_A_nidulans_FGSC_A4:3934633-3936168	WT_5hasex	WT_veg	OK	31,6209	71,2882	1,17279	-2,34068	0,0192484	0,0864093	no
nup57	ChrVIII_A_nidulans_FGSC_A4:1630667-1632269	WT_5hasex	WT_veg	OK	27,9305	95,4665	1,77315	-3,54196	0,00039717	0,00357091	yes
nup82	ChrI_A_nidulans_FGSC_A4:1104862-1107690	WT_5hasex	WT_veg	OK	21,9329	52,3118	1,25404	-2,55949	0,0104825	0,0540598	no
nup84	ChrVIII_A_nidulans_FGSC_A4:1239737-1243109	WT_5hasex	WT_veg	OK	34,6205	93,1737	1,4283	-2,96608	0,00301625	0,019632	yes
nup85	ChrVI_A_nidulans_FGSC_A4:404716-408299	WT_5hasex	WT_veg	OK	26,8237	50,8186	0,921846	-1,91894	0,0549923	0,189786	no
nuvG	ChrI_A_nidulans_FGSC_A4:2635303-2636758	WT_5hasex	WT_veg	OK	15,6281	16,1267	0,0453073	-0,0767307	0,938838	0,976991	no
odeA	ChrVIII_A_nidulans_FGSC_A4:1718540-1720290	WT_5hasex	WT_veg	OK	216,829	432,955	0,997659	-1,97886	0,047832	0,172315	no
oefA	ChrVI_A_nidulans_FGSC_A4:473778-476391	WT_5hasex	WT_veg	OK	26,3438	58,8828	1,16038	-2,39593	0,0165783	0,0772347	no
oefB	ChrI_A_nidulans_FGSC_A4:3564595-3565373	WT_5hasex	WT_veg	OK	58,052	244,667	2,0754	-3,83415	0,000126	0,00134306	yes
oefC	ChrVI_A_nidulans_FGSC_A4:1925547-1927551	WT_5hasex	WT_veg	OK	27,8624	20,6182	-0,434402	0,850775	0,394894	0,667933	no
oliA	Contig-mt188_A_nidulans_FGSC_A4:8958-9729	WT_5hasex	WT_veg	NOTEST	0,260544	1,10198	2,0805	-0,875186	0,381473	1	no
oliC	ChrVII_A_nidulans_FGSC_A4:1390666-1391579	WT_5hasex	WT_veg	OK	4014,21	5718,65	0,510559	-0,692417	0,488675	0,741801	no
orlA	ChrVI_A_nidulans_FGSC_A4:708553-711958	WT_5hasex	WT_veg	OK	156,324	347,598	1,15288	-2,09372	0,0362852	0,140492	no
orsA	ChrII_A_nidulans_FGSC_A4:207765-214267	WT_5hasex	WT_veg	NOTEST	0,928521	1,32677	0,514906	-0,718548	0,47242	1	no
orsB	ChrII_A_nidulans_FGSC_A4:215091-216972	WT_5hasex	WT_veg	NOTEST	0,701472	2,38994	1,76852	-1,72455	0,0846081	1	no
orsC	ChrII_A_nidulans_FGSC_A4:217329-218607	WT_5hasex	WT_veg	NOTEST	0,701013	2,64834	1,91757	-1,64095	0,100808	1	no
otaA	ChrVII_A_nidulans_FGSC_A4:1958897-1960694	WT_5hasex	WT_veg	OK	65,1454	315,673	2,2767	-4,73606	2,1791E-06	3,7075E-05	yes
oxiC	Contig-mt188_A_nidulans_FGSC_A4:5085-5895	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
pabaa	ChrI_A_nidulans_FGSC_A4:2431795-2434267	WT_5hasex	WT_veg	OK	34,414	49,672	0,529439	-1,07647	0,281719	0,555487	no
pacA	ChrIV_A_nidulans_FGSC_A4:869878-871226	WT_5hasex	WT_veg	OK	322,792	36,2893	-3,15299	4,7153	2,4136E-06	4,0511E-05	yes
pacC	ChrVI_A_nidulans_FGSC_A4:2592446-2595013	WT_5hasex	WT_veg	OK	37,2066	85,1506	1,19446	-2,49548	0,0125786	0,0624546	no
palA	ChrIII_A_nidulans_FGSC_A4:2307163-2310033	WT_5hasex	WT_veg	OK	15,785	37,7361	1,25739	-2,51047	0,012057	0,0603967	no
palB	ChrVIII_A_nidulans_FGSC_A4:4123296-4126153	WT_5hasex	WT_veg	OK	15,6699	12,7461	-0,297933	0,57771	0,56346	0,791132	no

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palC	ChrIV_A_nidulans_FGSC_A4:1956348-1957928	WT_5hasex	WT_veg	OK	15,5089	18,6377	0,265121	-0,476083	0,634015	0,832632	no
palF	ChrVII_A_nidulans_FGSC_A4:2043780-2046290	WT_5hasex	WT_veg	OK	18,1913	18,7173	0,0411248	-0,082952	0,93389	0,975157	no
palH	ChrI_A_nidulans_FGSC_A4:3474525-3476891	WT_5hasex	WT_veg	OK	15,9793	37,0253	1,21231	-2,37442	0,0175767	0,0807164	no
palI	ChrIII_A_nidulans_FGSC_A4:780515-783255	WT_5hasex	WT_veg	OK	20,6477	28,5603	0,468029	-0,938761	0,347853	0,623582	no
palcA	ChrII_A_nidulans_FGSC_A4:1342159-1344993	WT_5hasex	WT_veg	OK	19,7348	90,7663	2,20141	-4,39616	1,1019E-05	0,00015664	yes
pan2	ChrVII_A_nidulans_FGSC_A4:2739265-2743013	WT_5hasex	WT_veg	OK	36,5436	30,1515	-0,277387	0,56526	0,571897	0,796247	no
panK	ChrIII_A_nidulans_FGSC_A4:876138-877661	WT_5hasex	WT_veg	OK	24,4916	28,0371	0,195054	-0,369857	0,711489	0,876038	no
pantoA	ChrVIII_A_nidulans_FGSC_A4:4299992-4301278	WT_5hasex	WT_veg	OK	34,168	25,0052	-0,450419	0,890693	0,373094	0,647916	no
pantoB	ChrVII_A_nidulans_FGSC_A4:1854819-1856168	WT_5hasex	WT_veg	OK	42,6616	36,8472	-0,211385	0,431688	0,665968	0,850799	no
papA	ChrVII_A_nidulans_FGSC_A4:2836931-2838895	WT_5hasex	WT_veg	OK	45,1018	85,934	0,930043	-1,90762	0,0564399	0,193406	no
par1	ChrII_A_nidulans_FGSC_A4:2187718-2188472	WT_5hasex	WT_veg	OK	90,4073	326,971	1,85465	-3,55692	0,00037524	0,00340301	yes
pat1	ChrVI_A_nidulans_FGSC_A4:2919995-2923039	WT_5hasex	WT_veg	OK	47,0651	79,1919	0,750696	-1,5672	0,117068	0,322157	no
pbsA	ChrVIII_A_nidulans_FGSC_A4:2030938-2033306	WT_5hasex	WT_veg	OK	56,2561	166,22	1,56302	-3,1782	0,00148193	0,0108793	yes
pchA	ChrIII_A_nidulans_FGSC_A4:384342-385884	WT_5hasex	WT_veg	OK	8,90033	9,72942	0,128495	-0,21309	0,831257	0,932872	no
pclA	ChrVIII_A_nidulans_FGSC_A4:3506317-3508051	WT_5hasex	WT_veg	OK	26,1229	47,1972	0,853384	-1,49027	0,136153	0,356058	no
pcmA	ChrII_A_nidulans_FGSC_A4:1669165-1671841	WT_5hasex	WT_veg	OK	77,0484	134,425	0,80296	-1,66379	0,0961553	0,281682	no
pcrA	ChrIV_A_nidulans_FGSC_A4:115058-116157	WT_5hasex	WT_veg	OK	164,066	227,431	0,471146	-0,952538	0,340824	0,616538	no
pcsA	ChrI_A_nidulans_FGSC_A4:2105772-2108016	WT_5hasex	WT_veg	OK	4,99296	7,90663	0,663169	-0,930456	0,352135	0,627639	no
pdCA	ChrIII_A_nidulans_FGSC_A4:658097-660253	WT_5hasex	WT_veg	OK	4984,1	3128,35	-0,671931	0,61462	0,538806	0,774754	no
pdCB	ChrV_A_nidulans_FGSC_A4:355535-357454	WT_5hasex	WT_veg	OK	35,2566	39,2596	0,155155	-0,271916	0,785687	0,912449	no
pdEA	ChrVIII_A_nidulans_FGSC_A4:2347771-2349625	WT_5hasex	WT_veg	OK	4,55505	6,86301	0,591375	-0,881779	0,377896	0,65253	no
pdEB	ChrVI_A_nidulans_FGSC_A4:2954204-2957249	WT_5hasex	WT_veg	OK	17,875	152,078	3,08879	-6,2105	5,2816E-10	1,9615E-08	yes
pdhA	ChrI_A_nidulans_FGSC_A4:2921549-2923388	WT_5hasex	WT_veg	OK	327,823	784,425	1,25872	-2,35305	0,01862	0,0842522	no
pdhB	ChrV_A_nidulans_FGSC_A4:1346355-1347968	WT_5hasex	WT_veg	OK	584,857	1711,04	1,54872	-2,76338	0,00572069	0,0332124	yes
pdhC	ChrVIII_A_nidulans_FGSC_A4:525522-527170	WT_5hasex	WT_veg	OK	359,05	1050,2	1,5484	-2,93157	0,00337248	0,0215729	yes
pdhX	ChrVI_A_nidulans_FGSC_A4:2229176-2230459	WT_5hasex	WT_veg	OK	117,443	215,049	0,872708	-1,81188	0,0700048	0,225528	no
pdia	ChrIV_A_nidulans_FGSC_A4:1536308-1538457	WT_5hasex	WT_veg	OK	224,327	236,845	0,0783383	-0,147853	0,882458	0,955445	no
pdib	ChrVIII_A_nidulans_FGSC_A4:4147347-4148918	WT_5hasex	WT_veg	OK	28,1728	28,4478	0,0140142	-0,0268442	0,978584	0,992466	no
pdKA	ChrI_A_nidulans_FGSC_A4:2057539-2060132	WT_5hasex	WT_veg	OK	28,8409	3,35179	-3,10511	5,62252	1,8819E-08	5,1256E-07	yes
pdMA	ChrVII_A_nidulans_FGSC_A4:2193338-2194937	WT_5hasex	WT_veg	OK	188,276	110,071	-0,774418	1,56253	0,118163	0,324358	no
pelA	ChrVIII_A_nidulans_FGSC_A4:2610238-2611336	WT_5hasex	WT_veg	OK	2,14585	7,6391	1,83186	-2,15832	0,0309027	0,124203	no
pelB	ChrVII_A_nidulans_FGSC_A4:4380835-4382249	WT_5hasex	WT_veg	NOTEST	1,01181	0	-1.79769e+308	-1.79769e+308	0,0437113	1	no
pelC	ChrVIII_A_nidulans_FGSC_A4:1473209-1474507	WT_5hasex	WT_veg	OK	4,2865	2,07747	-1,04497	1,16517	0,243949	0,511336	no
pelD	ChrI_A_nidulans_FGSC_A4:3696893-3698186	WT_5hasex	WT_veg	OK	1,96459	0,727079	-1,43405	0,956114	0,339015	0,614971	no
pelF	ChrIII_A_nidulans_FGSC_A4:682156-683885	WT_5hasex	WT_veg	OK	5,20423	10,37	0,994657	-1,48551	0,137408	0,358203	no
pepI	ChrVI_A_nidulans_FGSC_A4:855101-856277	WT_5hasex	WT_veg	OK	11,55	9,4417	-0,290779	0,386716	0,698967	0,868767	no
pepJ	ChrII_A_nidulans_FGSC_A4:333193-334709	WT_5hasex	WT_veg	OK	104,548	26,3511	-1,98822	4,08308	4,4444E-05	0,00054087	yes
pepP	ChrI_A_nidulans_FGSC_A4:2173205-2174809	WT_5hasex	WT_veg	OK	109,161	174,331	0,675367	-1,30278	0,192651	0,444238	no
pexA	ChrI_A_nidulans_FGSC_A4:1567744-1571600	WT_5hasex	WT_veg	OK	12,2593	10,5035	-0,223016	0,442029	0,658468	0,846127	no
pexB	ChrII_A_nidulans_FGSC_A4:2217020-2218404	WT_5hasex	WT_veg	OK	17,0264	10,097	-0,753847	1,32332	0,185728	0,434666	no
pexC	ChrVII_A_nidulans_FGSC_A4:3426987-3429025	WT_5hasex	WT_veg	OK	59,9158	54,9677	-0,124351	0,251301	0,801581	0,91987	no
pexE	ChrVII_A_nidulans_FGSC_A4:1043253-1045280	WT_5hasex	WT_veg	OK	44,8092	51,8285	0,20995	-0,433627	0,664559	0,849948	no
pexF	ChrVI_A_nidulans_FGSC_A4:2374541-2379250	WT_5hasex	WT_veg	OK	14,8245	11,1189	-0,414966	0,849117	0,395816	0,668974	no
pexG	ChrVIII_A_nidulans_FGSC_A4:2186058-2187185	WT_5hasex	WT_veg	OK	16,9314	20,5456	0,279131	-0,479139	0,631839	0,831394	no
pexK	ChrVII_A_nidulans_FGSC_A4:2265359-2266501	WT_5hasex	WT_veg	OK	99,4297	165,871	0,738313	-1,48538	0,137442	0,358232	no
pexM	ChrVII_A_nidulans_FGSC_A4:1017702-1019416	WT_5hasex	WT_veg	OK	75,9078	168,379	1,14939	-2,32672	0,01998	0,0890866	no
pfkA	ChrVI_A_nidulans_FGSC_A4:1415252-1418027	WT_5hasex	WT_veg	OK	734,302	701,673	-0,0655749	0,103983	0,917183	0,968489	no
pfkZ	ChrV_A_nidulans_FGSC_A4:1281908-1284937	WT_5hasex	WT_veg	OK	419,076	197,799	-1,08318	1,83998	0,0657708	0,215637	no
pgaB	ChrIII_A_nidulans_FGSC_A4:2234981-2236137	WT_5hasex	WT_veg	OK	42,3431	308,877	2,86683	-5,24124	1,595E-07	3,5402E-06	yes
pgaC	ChrV_A_nidulans_FGSC_A4:142833-144133	WT_5hasex	WT_veg	OK	21,7968	5,19063	-2,07013	3,09336	0,00197902	0,0138624	yes
pgaD	ChrI_A_nidulans_FGSC_A4:2748233-2749923	WT_5hasex	WT_veg	NOTEST	0,519936	0,221018	-1,23417	0,70254	0,482342	1	no
pgkA	ChrVIII_A_nidulans_FGSC_A4:1063730-1065224	WT_5hasex	WT_veg	OK	1519,61	3180,73	1,06565	-1,62212	0,104779	0,299198	no
pgmA	ChrVI_A_nidulans_FGSC_A4:1975032-1976807	WT_5hasex	WT_veg	OK	252,379	1939,98	2,94238	-5,44826	5,0866E-08	1,2663E-06	yes

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pgmB	ChrVI_A_nidulans_FGSC_A4:2562807-2564694	WT_5hasex	WT_veg	OK	241,353	450,601	0,900706	-1,66167	0,0965794	0,282325	no
pgxA	ChrIII_A_nidulans_FGSC_A4:2894677-2896316	WT_5hasex	WT_veg	NOTEST	0,502037	2,5066	2,31987	-2,00556	0,0449027		1 no
pgxB	ChrVII_A_nidulans_FGSC_A4:538411-540264	WT_5hasex	WT_veg	NOTEST	0,922678	0,980176	0,0872138	-0,0734468	0,941451		1 no
pgxD	ChrVII_A_nidulans_FGSC_A4:49258-50724	WT_5hasex	WT_veg	NOTEST	0,129692	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
phacA	ChrII_A_nidulans_FGSC_A4:682980-684833	WT_5hasex	WT_veg	OK	14,8633	21,7586	0,549832	-1,00775	0,313577	0,589638	no
phacB	ChrVIII_A_nidulans_FGSC_A4:638517-640293	WT_5hasex	WT_veg	OK	34,7747	43,8528	0,334631	-0,672225	0,501441	0,750714	no
phbA	ChrI_A_nidulans_FGSC_A4:1341885-1343186	WT_5hasex	WT_veg	OK	356,419	422,75	0,24623	-0,455332	0,64887	0,840907	no
phbB	ChrI_A_nidulans_FGSC_A4:3402197-3403123	WT_5hasex	WT_veg	OK	20,448	71,933	1,81469	-2,96592	0,00301778	0,0196395	yes
phenA	ChrIII_A_nidulans_FGSC_A4:2593480-2594644	WT_5hasex	WT_veg	OK	33,8138	62,3007	0,881635	-1,72362	0,0847768	0,258253	no
phiA	ChrV_A_nidulans_FGSC_A4:156984-157735	WT_5hasex	WT_veg	OK	188,471	9,37504	-4,32938	6,80749	9,9316E-12	4,7485E-10	yes
phk	ChrIII_A_nidulans_FGSC_A4:578144-580985	WT_5hasex	WT_veg	OK	24,2712	137,925	2,50656	-5,2008	1,9844E-07	4,3237E-06	yes
phkA	ChrVI_A_nidulans_FGSC_A4:1817696-1825399	WT_5hasex	WT_veg	OK	33,0884	47,1918	0,512212	-1,05071	0,293394	0,568181	no
phkB	ChrVI_A_nidulans_FGSC_A4:1828387-1834151	WT_5hasex	WT_veg	OK	32,8472	138,462	2,07565	-4,23407	2,295E-05	0,00030126	yes
phnA	ChrVIII_A_nidulans_FGSC_A4:4667704-4668961	WT_5hasex	WT_veg	OK	46,2355	79,7717	0,786878	-1,5978	0,110087	0,309451	no
phnB	ChrIII_A_nidulans_FGSC_A4:1660805-1662100	WT_5hasex	WT_veg	OK	42,4571	42,8295	0,0125978	-0,0251011	0,979974	0,993031	no
phnC	ChrIII_A_nidulans_FGSC_A4:2606095-2606847	WT_5hasex	WT_veg	OK	41,8741	79,9225	0,932544	-1,77194	0,0764043	0,239946	no
pho8	ChrIII_A_nidulans_FGSC_A4:1800922-1803057	WT_5hasex	WT_veg	OK	57,3689	191,832	1,7415	-3,38488	0,0007121	0,00587828	yes
pho80	ChrV_A_nidulans_FGSC_A4:1316006-1317687	WT_5hasex	WT_veg	OK	95,4488	286,736	1,58692	-3,22043	0,00127997	0,0096203	yes
phoA	ChrII_A_nidulans_FGSC_A4:1314064-1315312	WT_5hasex	WT_veg	OK	48,0296	232,21	2,27343	-4,53867	5,661E-06	8,6537E-05	yes
phoB	ChrVII_A_nidulans_FGSC_A4:2102025-2103382	WT_5hasex	WT_veg	OK	10,7594	16,2656	0,59623	-0,969487	0,332302	0,608687	no
pigP	ChrII_A_nidulans_FGSC_A4:656021-657152	WT_5hasex	WT_veg	OK	23,7245	32,0327	0,43317	-0,785746	0,432016	0,698411	no
pilA	ChrV_A_nidulans_FGSC_A4:1523652-1525517	WT_5hasex	WT_veg	OK	622,317	3518,63	2,49929	-3,6094	0,00030691	0,00287597	yes
pilB	ChrII_A_nidulans_FGSC_A4:2613540-2615358	WT_5hasex	WT_veg	OK	2,95369	4,69138	0,667492	-0,919771	0,357693	0,632824	no
pinA	ChrI_A_nidulans_FGSC_A4:1100804-1101841	WT_5hasex	WT_veg	OK	151,872	402,915	1,40762	-2,88874	0,00386793	0,0241381	yes
pkA	ChrI_A_nidulans_FGSC_A4:604438-606018	WT_5hasex	WT_veg	OK	76,228	117,653	0,626146	-1,26125	0,207219	0,464384	no
pkAB	ChrIII_A_nidulans_FGSC_A4:1198467-1199838	WT_5hasex	WT_veg	OK	43,2745	101,087	1,22401	-2,47477	0,0133323	0,0653633	no
pkAR	ChrIII_A_nidulans_FGSC_A4:364998-366677	WT_5hasex	WT_veg	OK	87,0289	155,597	0,838248	-1,72266	0,0849504	0,258602	no
pkcA	ChrVIII_A_nidulans_FGSC_A4:4594432-4598641	WT_5hasex	WT_veg	OK	64,5146	256,832	1,99313	-3,89703	9,738E-05	0,00107047	yes
pkcB	ChrI_A_nidulans_FGSC_A4:1627339-1630007	WT_5hasex	WT_veg	OK	89,6701	218,29	1,28354	-2,6259	0,00864213	0,0464001	yes
pkIA	ChrV_A_nidulans_FGSC_A4:1493621-1496032	WT_5hasex	WT_veg	OK	447,652	732,889	0,711217	-1,26988	0,204126	0,460306	no
plA	ChrI_A_nidulans_FGSC_A4:900491-903212	WT_5hasex	WT_veg	OK	218,331	458,336	1,06989	-1,72244	0,0849905	0,258664	no
plcB	ChrIV_A_nidulans_FGSC_A4:2391258-2392674	WT_5hasex	WT_veg	OK	8,13441	8,70862	0,0984063	-0,152	0,879187	0,953972	no
pldA	ChrI_A_nidulans_FGSC_A4:2940007-2943407	WT_5hasex	WT_veg	OK	85,6029	480,539	2,48892	-4,73743	2,1645E-06	3,6874E-05	yes
plkA	ChrVII_A_nidulans_FGSC_A4:1174384-1177904	WT_5hasex	WT_veg	OK	18,2292	23,9391	0,393117	-0,805748	0,420388	0,688563	no
plyA	ChrIV_A_nidulans_FGSC_A4:2244463-2245716	WT_5hasex	WT_veg	OK	4,59273	13,3875	1,54347	-2,07859	0,037655	0,144187	no
plyC	ChrV_A_nidulans_FGSC_A4:3119932-3121410	WT_5hasex	WT_veg	OK	11,568	15,9788	0,46602	-0,784803	0,432569	0,698721	no
plyD	ChrVII_A_nidulans_FGSC_A4:4278463-4279384	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
plyE	ChrVI_A_nidulans_FGSC_A4:1055126-1055947	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
plyF	ChrI_A_nidulans_FGSC_A4:1237332-1238235	WT_5hasex	WT_veg	OK	5,89841	6,87192	0,220386	-0,2803	0,779248	0,909688	no
plyG	ChrI_A_nidulans_FGSC_A4:3052619-3053463	WT_5hasex	WT_veg	NOTEST	0,235353	0	-1.79769e+308	-1.79769e+308	0,165569		1 no
plyH	ChrV_A_nidulans_FGSC_A4:536668-537719	WT_5hasex	WT_veg	NOTEST	1,37471	0	-1.79769e+308	-1.79769e+308	0,0372945		1 no
pmaA	ChrIII_A_nidulans_FGSC_A4:745253-748876	WT_5hasex	WT_veg	OK	1874,88	6292,36	1,7468	-1,88232	0,0597926	0,201755	no
pmcA	ChrVIII_A_nidulans_FGSC_A4:1245500-1249942	WT_5hasex	WT_veg	OK	23,3148	28,9472	0,312178	-0,605016	0,545169	0,779065	no
pmcB	ChrIII_A_nidulans_FGSC_A4:553962-557728	WT_5hasex	WT_veg	OK	19,3587	68,899	1,8315	-3,78669	0,00015267	0,00157825	yes
pmeA	ChrVI_A_nidulans_FGSC_A4:864709-865863	WT_5hasex	WT_veg	OK	4,12418	4,0201	-0,036876	0,0441481	0,964786	0,987164	no
pmeB	ChrIII_A_nidulans_FGSC_A4:742787-744000	WT_5hasex	WT_veg	OK	8,39922	14,9939	0,836048	-1,2678	0,204869	0,461198	no
pmrA	ChrIV_A_nidulans_FGSC_A4:1622789-1626089	WT_5hasex	WT_veg	OK	18,0689	20,958	0,213992	-0,437333	0,66187	0,848293	no
pmtA	ChrV_A_nidulans_FGSC_A4:1173457-1176143	WT_5hasex	WT_veg	OK	112,614	174,604	0,632697	-1,2696	0,204227	0,460404	no
pmtB	ChrIII_A_nidulans_FGSC_A4:1075964-1079008	WT_5hasex	WT_veg	OK	38,8132	47,8972	0,303395	-0,620076	0,535207	0,772784	no
pmtC	ChrVII_A_nidulans_FGSC_A4:844009-846479	WT_5hasex	WT_veg	OK	93,2997	111,536	0,257561	-0,530794	0,595562	0,81034	no
pnpA	ChrVII_A_nidulans_FGSC_A4:2704765-2706268	WT_5hasex	WT_veg	OK	48,911	113,429	1,21356	-2,44612	0,0144402	0,0694919	no
podG	ChrI_A_nidulans_FGSC_A4:748538-750089	WT_5hasex	WT_veg	OK	28,533	35,5472	0,317102	-0,620426	0,534977	0,722628	no
podH	ChrVI_A_nidulans_FGSC_A4:2448719-2452095	WT_5hasex	WT_veg	OK	59,3816	71,2066	0,261993	-0,539105	0,589814	0,807094	no

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pom152	ChrVI_A_nidulans_FGSC_A4:664344-668303	WT_5hasex	WT_veg	OK	38,2523	82,2927	1,10522	-2,30061	0,0214137	0,0938701	no
pom34	ChrIII_A_nidulans_FGSC_A4:2745598-2746624	WT_5hasex	WT_veg	OK	93,1446	84,3297	-0,143431	0,292173	0,770154	0,905596	no
ppgA	ChrV_A_nidulans_FGSC_A4:1695653-1696040	WT_5hasex	WT_veg	OK	22,0834	87,9935	1,99443	-3,05369	0,00226046	0,0154698	yes
pphA	ChrI_A_nidulans_FGSC_A4:324376-326050	WT_5hasex	WT_veg	OK	109,65	164,34	0,58377	-1,19392	0,232508	0,496997	no
ppoA	ChrVII_A_nidulans_FGSC_A4:2422295-2425863	WT_5hasex	WT_veg	OK	33,5492	131,365	1,96923	-4,10216	4,0932E-05	0,00050314	yes
ppoB	ChrI_A_nidulans_FGSC_A4:546721-550918	WT_5hasex	WT_veg	NOTEST	1,71258	1,92294	0,16714	-0,224945	0,822022	1	no
ppoC	ChrIII_A_nidulans_FGSC_A4:237310-241516	WT_5hasex	WT_veg	OK	182,853	262,722	0,522848	-0,971582	0,331259	0,607627	no
pppA	ChrVIII_A_nidulans_FGSC_A4:4173432-4174875	WT_5hasex	WT_veg	OK	711,613	1769,06	1,31382	-2,33938	0,0193159	0,0866378	no
preA	ChrIV_A_nidulans_FGSC_A4:2561786-2563335	WT_5hasex	WT_veg	OK	2,7752	5,4137	0,964025	-1,26215	0,206895	0,463855	no
preB	ChrVII_A_nidulans_FGSC_A4:4212753-4213958	WT_5hasex	WT_veg	OK	10,5109	18,6573	0,827851	-1,33128	0,183097	0,430826	no
prnA	ChrVII_A_nidulans_FGSC_A4:1732913-1736027	WT_5hasex	WT_veg	OK	15,8358	24,6013	0,63555	-1,22654	0,219996	0,481333	no
prnB	ChrVII_A_nidulans_FGSC_A4:1741378-1743180	WT_5hasex	WT_veg	OK	10,3431	12,0543	0,220891	-0,364548	0,715449	0,877824	no
prnC	ChrVII_A_nidulans_FGSC_A4:1743861-1745729	WT_5hasex	WT_veg	OK	27,8635	44,4165	0,672716	-1,12264	0,261589	0,532258	no
prnD	ChrVII_A_nidulans_FGSC_A4:1738096-1739715	WT_5hasex	WT_veg	OK	21,6709	38,4632	0,827719	-1,40758	0,159256	0,394377	no
prnX	ChrVII_A_nidulans_FGSC_A4:1736748-1737864	WT_5hasex	WT_veg	OK	13,8271	18,9121	0,451808	-0,763737	0,445024	0,708452	no
pro	Contig-mt188_A_nidulans_FGSC_A4:4041-4113	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
prp8	ChrIII_A_nidulans_FGSC_A4:1766887-1775944	WT_5hasex	WT_veg	OK	21,278	52,3613	1,29914	-2,67046	0,00757478	0,0417521	yes
prpA	ChrVI_A_nidulans_FGSC_A4:1731681-1734014	WT_5hasex	WT_veg	OK	25,7782	171,674	2,73545	-5,439	5,3581E-08	1,3288E-06	yes
prtA	ChrV_A_nidulans_FGSC_A4:2413829-2415477	WT_5hasex	WT_veg	OK	1559	3279,8	1,07299	-1,13461	0,25654	0,526359	no
prtB	ChrI_A_nidulans_FGSC_A4:3480761-3482082	WT_5hasex	WT_veg	OK	11,1077	18,6703	0,749182	-1,20826	0,226946	0,489834	no
prxA	ChrIII_A_nidulans_FGSC_A4:3111904-3112533	WT_5hasex	WT_veg	OK	2124,05	3479,77	0,712174	-1,2015	0,229556	0,492901	no
ptkA	ChrIII_A_nidulans_FGSC_A4:2556913-2559245	WT_5hasex	WT_veg	OK	48,2749	131,975	1,45092	-3,01913	0,00253505	0,0170136	yes
ptpA	ChrIV_A_nidulans_FGSC_A4:1402143-1404770	WT_5hasex	WT_veg	OK	83,9597	412,83	2,29778	-4,64582	3,3873E-06	5,475E-05	yes
pttA	ChrIII_A_nidulans_FGSC_A4:1757523-1760027	WT_5hasex	WT_veg	OK	31,2377	63,0978	1,0143	-2,00459	0,0450074	0,164606	no
purH	ChrIII_A_nidulans_FGSC_A4:1971353-1973669	WT_5hasex	WT_veg	OK	88,5778	128,313	0,53465	-1,08408	0,27833	0,551586	no
pycA	ChrIII_A_nidulans_FGSC_A4:1981759-1985716	WT_5hasex	WT_veg	OK	142,538	292,919	1,03916	-1,9747	0,0483025	0,173366	no
pyrABCN	ChrVIII_A_nidulans_FGSC_A4:3153607-3160488	WT_5hasex	WT_veg	OK	17,9942	139,166	2,9512	-6,10872	1,0043E-09	3,5488E-08	yes
pyrD	ChrIII_A_nidulans_FGSC_A4:1945429-1946879	WT_5hasex	WT_veg	OK	29,0536	41,3108	0,507803	-0,973596	0,330257	0,606646	no
pyrE	ChrI_A_nidulans_FGSC_A4:1839228-1841181	WT_5hasex	WT_veg	OK	42,5051	35,1506	-0,274084	0,560529	0,575119	0,798292	no
pyrF	ChrI_A_nidulans_FGSC_A4:1922525-1923358	WT_5hasex	WT_veg	OK	55,2052	99,5145	0,850104	-1,65769	0,0973809	0,283939	no
pyrG	ChrI_A_nidulans_FGSC_A4:1062884-1063768	WT_5hasex	WT_veg	OK	59,6031	75,4839	0,340781	-0,676557	0,498687	0,748774	no
pyroA	ChrIV_A_nidulans_FGSC_A4:2484766-2486046	WT_5hasex	WT_veg	OK	70,3308	304,494	2,11419	-4,16919	3,0569E-05	0,00038981	yes
qutA	ChrVIII_A_nidulans_FGSC_A4:1416786-1419264	WT_5hasex	WT_veg	OK	4,3642	5,98105	0,454684	-0,721357	0,47069	0,728383	no
qutB	ChrVIII_A_nidulans_FGSC_A4:1413306-1414296	WT_5hasex	WT_veg	OK	12,4105	5,48653	-1,17759	1,69364	0,0903345	0,269835	no
qutC	ChrVIII_A_nidulans_FGSC_A4:1407966-1409100	WT_5hasex	WT_veg	OK	0,913222	6,50386	2,83226	-2,75972	0,00578503	0,0335229	yes
qutD	ChrVIII_A_nidulans_FGSC_A4:1411157-1412862	WT_5hasex	WT_veg	OK	1,88301	3,88887	1,04631	-1,34777	0,177731	0,422765	no
qutE	ChrVIII_A_nidulans_FGSC_A4:1416019-1416481	WT_5hasex	WT_veg	OK	6,10302	7,85613	0,364297	-0,40947	0,682195	0,859733	no
qutG	ChrVIII_A_nidulans_FGSC_A4:1414351-1415560	WT_5hasex	WT_veg	OK	1,21694	7,51576	2,62666	-3,06468	0,00217903	0,0150165	yes
qutH	ChrVIII_A_nidulans_FGSC_A4:1409709-1410981	WT_5hasex	WT_veg	OK	4,4158	5,1934	0,234003	-0,320577	0,748531	0,894876	no
qutR	ChrVIII_A_nidulans_FGSC_A4:1423154-1425860	WT_5hasex	WT_veg	OK	7,09333	7,7687	0,13121	-0,229436	0,81853	0,927368	no
racA	ChrIII_A_nidulans_FGSC_A4:1120421-1122031	WT_5hasex	WT_veg	OK	73,8288	186,686	1,33836	-2,67452	0,00748373	0,0413281	yes
radC	ChrIII_A_nidulans_FGSC_A4:2137381-2139382	WT_5hasex	WT_veg	OK	11,4158	23,1284	1,01863	-1,82396	0,0681585	0,221291	no
ran	ChrV_A_nidulans_FGSC_A4:2667877-2669388	WT_5hasex	WT_veg	OK	610,514	1652,71	1,43673	-2,63381	0,00844336	0,0455241	yes
ranGAP	ChrIII_A_nidulans_FGSC_A4:738326-739684	WT_5hasex	WT_veg	OK	50,2174	61,8304	0,30013	-0,613575	0,539496	0,775134	no
rasA	ChrVIII_A_nidulans_FGSC_A4:4350030-4351711	WT_5hasex	WT_veg	OK	133,953	194,593	0,538733	-1,10985	0,267063	0,538657	no
rasB	ChrI_A_nidulans_FGSC_A4:2108691-2110350	WT_5hasex	WT_veg	OK	30,1059	38,9158	0,37031	-0,750319	0,453062	0,714478	no
rcc1	ChrIV_A_nidulans_FGSC_A4:1413599-1415521	WT_5hasex	WT_veg	OK	107,39	205,378	0,935422	-1,90277	0,0570705	0,19493	no
rcnA	ChrI_A_nidulans_FGSC_A4:758751-760166	WT_5hasex	WT_veg	OK	231,732	1333,37	2,52455	-4,21368	2,5124E-05	0,00032671	yes
rcoA	ChrI_A_nidulans_FGSC_A4:2314051-2316648	WT_5hasex	WT_veg	OK	105,882	174,714	0,722539	-1,4836	0,137915	0,358964	no
recQ	ChrIII_A_nidulans_FGSC_A4:2066103-2068009	WT_5hasex	WT_veg	OK	7,10257	10,177	0,518905	-0,837283	0,402434	0,673802	no
rfeA	ChrVI_A_nidulans_FGSC_A4:2316735-2318583	WT_5hasex	WT_veg	OK	727,688	552	-0,39865	0,670353	0,502633	0,751618	no
rfeB	ChrVII_A_nidulans_FGSC_A4:2544338-2547443	WT_5hasex	WT_veg	OK	127,255	94,9174	-0,422982	0,841058	0,400315	0,672477	no
rfeE	ChrVIII_A_nidulans_FGSC_A4:1911131-1914142	WT_5hasex	WT_veg	OK	12,2352	22,7988	0,897917	-1,77204	0,0763878	0,239909	no

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rfeF	ChrVII_A_nidulans_FGSC_A4:2561427-2564255	WT_5hasex	WT_veg	OK	372,102	986,032	1,40594	-2,54393	0,0109614	0,0559791	no
rglA	ChrIV_A_nidulans_FGSC_A4:888602-890710	WT_5hasex	WT_veg	OK	2,35264	2,51418	0,0958066	-0,108233	0,913811	0,967205	no
rglB	ChrI_A_nidulans_FGSC_A4:314755-316887	WT_5hasex	WT_veg	NOTEST	1,29308	3,80646	1,55764	-1,99202	0,0463692	1	no
rglC	ChrII_A_nidulans_FGSC_A4:1971548-1973528	WT_5hasex	WT_veg	NOTEST	0	0,0837039	1.79769e+308	1.79769e+308	0,309884	1	no
rglD	ChrII_A_nidulans_FGSC_A4:2539109-2540937	WT_5hasex	WT_veg	NOTEST	0,150017	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
rgsA	ChrV_A_nidulans_FGSC_A4:1798024-1800000	WT_5hasex	WT_veg	OK	319,898	822,21	1,36189	-2,53244	0,0113273	0,057461	no
rgsB	ChrII_A_nidulans_FGSC_A4:3565346-3567030	WT_5hasex	WT_veg	OK	71,1376	155,845	1,13143	-2,33195	0,0197031	0,0881109	no
rgsC	ChrVIII_A_nidulans_FGSC_A4:692053-695781	WT_5hasex	WT_veg	OK	22,2385	19,9115	-0,159457	0,328521	0,742518	0,891764	no
rhaA	ChrVII_A_nidulans_FGSC_A4:3199571-3201706	WT_5hasex	WT_veg	NOTEST	0,118391	0,40427	1,77175	-0,779365	0,435765	1	no
rhaB	ChrVIII_A_nidulans_FGSC_A4:2704941-2707629	WT_5hasex	WT_veg	OK	7,66261	2,86752	-1,41803	2,33022	0,0197943	0,0884205	no
rhaC	ChrV_A_nidulans_FGSC_A4:3199066-3201820	WT_5hasex	WT_veg	OK	4,51176	4,87624	0,112079	-0,176134	0,860189	0,945894	no
rhaE	ChrIV_A_nidulans_FGSC_A4:850090-852786	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
rhaF	ChrV_A_nidulans_FGSC_A4:572002-574795	WT_5hasex	WT_veg	NOTEST	0,157639	0,289691	0,877893	-0,514877	0,606639	1	no
rhaG	ChrI_A_nidulans_FGSC_A4:3595125-3597650	WT_5hasex	WT_veg	NOTEST	0,385242	0,147676	-1,38333	0,827913	0,40772	1	no
rhbA	ChrIII_A_nidulans_FGSC_A4:2550568-2551498	WT_5hasex	WT_veg	OK	186,587	474,157	1,34551	-2,79923	0,00512251	0,0303174	yes
rhgA	ChrVI_A_nidulans_FGSC_A4:340351-342037	WT_5hasex	WT_veg	OK	8,95576	9,17188	0,0344031	-0,0562309	0,955158	0,983363	no
rhgB	ChrVII_A_nidulans_FGSC_A4:3202232-3203794	WT_5hasex	WT_veg	NOTEST	0,84702	1,92664	1,18562	-1,15531	0,247963	1	no
rho4	ChrVI_A_nidulans_FGSC_A4:3145723-3147169	WT_5hasex	WT_veg	OK	47,191	67,3633	0,513453	-1,05438	0,291707	0,56636	no
rhoA	ChrV_A_nidulans_FGSC_A4:1835129-1837050	WT_5hasex	WT_veg	OK	512,986	1286,38	1,32633	-2,34805	0,0188721	0,0851355	no
riboB	ChrVIII_A_nidulans_FGSC_A4:2832399-2833868	WT_5hasex	WT_veg	OK	47,6239	63,5638	0,416519	-0,854102	0,393048	0,666279	no
riboG	ChrV_A_nidulans_FGSC_A4:1691293-1693540	WT_5hasex	WT_veg	OK	205,9	339,842	0,722919	-1,44027	0,14979	0,378609	no
rlmA	ChrVI_A_nidulans_FGSC_A4:2172246-2174713	WT_5hasex	WT_veg	OK	23,0996	42,7314	0,887427	-1,81936	0,0688573	0,222856	no
rmtA	ChrII_A_nidulans_FGSC_A4:1665856-1667343	WT_5hasex	WT_veg	OK	65,3938	205,251	1,65016	-3,38843	0,00070293	0,00581637	yes
rmtB	ChrVI_A_nidulans_FGSC_A4:1847169-1849174	WT_5hasex	WT_veg	OK	27,007	63,7567	1,23924	-2,39917	0,0164323	0,0767457	no
rmtC	ChrVIII_A_nidulans_FGSC_A4:4491968-4495173	WT_5hasex	WT_veg	OK	20,7408	38,1491	0,879175	-1,79089	0,0733108	0,232899	no
roBA	ChrIII_A_nidulans_FGSC_A4:3177901-3178693	WT_5hasex	WT_veg	OK	57,9339	96,2638	0,732585	-1,45752	0,144972	0,370902	no
rodA	ChrIII_A_nidulans_FGSC_A4:2762001-2762880	WT_5hasex	WT_veg	OK	93,0036	3,02418	-4,94267	5,71989	1,066E-08	3,0708E-07	yes
rosA	ChrV_A_nidulans_FGSC_A4:1381977-1384246	WT_5hasex	WT_veg	OK	10,0829	33,0763	1,71388	-2,76894	0,00562397	0,0327198	yes
rpDA	ChrIII_A_nidulans_FGSC_A4:1870101-1872580	WT_5hasex	WT_veg	OK	75,1819	125,234	0,736168	-1,50946	0,131182	0,347199	no
rpl16A	ChrII_A_nidulans_FGSC_A4:1764042-1765494	WT_5hasex	WT_veg	OK	1679,24	2192,25	0,3846	-0,603753	0,546008	0,779595	no
rpl3	ChrI_A_nidulans_FGSC_A4:928111-929752	WT_5hasex	WT_veg	OK	1085,24	1995,92	0,87904	-1,43025	0,152646	0,383606	no
rpl37	ChrIII_A_nidulans_FGSC_A4:994285-995186	WT_5hasex	WT_veg	OK	917,635	1576,34	0,780583	-1,44976	0,147125	0,374581	no
rps16	ChrII_A_nidulans_FGSC_A4:2207170-2208423	WT_5hasex	WT_veg	OK	1083,49	1664,84	0,619706	-1,07199	0,283724	0,55749	no
rrmA	ChrVI_A_nidulans_FGSC_A4:463986-465451	WT_5hasex	WT_veg	OK	29,9245	65,3174	1,12614	-2,23797	0,0252232	0,106216	no
rrp5	ChrVII_A_nidulans_FGSC_A4:3025906-3031458	WT_5hasex	WT_veg	OK	15,4372	80,6074	2,3845	-4,91846	8,7227E-07	1,6255E-05	yes
rrpB	ChrIII_A_nidulans_FGSC_A4:982401-986585	WT_5hasex	WT_veg	OK	1,24478	4,57605	1,87821	-2,60434	0,00920501	0,0487726	yes
rrpC	ChrVI_A_nidulans_FGSC_A4:3045803-3049694	WT_5hasex	WT_veg	NOTEST	0,258802	1,45972	2,49577	-2,4045	0,0161948	1	no
rsdA	ChrVII_A_nidulans_FGSC_A4:1052989-1056433	WT_5hasex	WT_veg	OK	10,7396	61,2355	2,51143	-4,31539	1,5932E-05	0,0002189	yes
rsmA	ChrIII_A_nidulans_FGSC_A4:1659438-1660536	WT_5hasex	WT_veg	OK	16,4238	64,3574	1,97032	-3,39594	0,00068393	0,00567883	yes
sA	ChrIII_A_nidulans_FGSC_A4:1047380-1048396	WT_5hasex	WT_veg	OK	106,656	244,926	1,19938	-2,47596	0,0132878	0,0651852	no
sB	ChrVI_A_nidulans_FGSC_A4:2999696-3002423	WT_5hasex	WT_veg	OK	8,51511	6,62492	-0,362121	0,639736	0,522344	0,764792	no
sC	ChrIII_A_nidulans_FGSC_A4:1051403-1053808	WT_5hasex	WT_veg	OK	65,0162	78,0258	0,263153	-0,545417	0,585467	0,804627	no
sD	ChrVIII_A_nidulans_FGSC_A4:1232228-1232908	WT_5hasex	WT_veg	OK	121,823	159,95	0,392831	-0,786555	0,431543	0,697955	no
sac3	ChrIV_A_nidulans_FGSC_A4:2486651-2490728	WT_5hasex	WT_veg	OK	10,1104	22,3984	1,14755	-2,24433	0,0248113	0,104742	no
sagA	ChrVIII_A_nidulans_FGSC_A4:1774034-1775680	WT_5hasex	WT_veg	OK	50,1141	56,3546	0,169316	-0,347097	0,728519	0,885001	no
salA	ChrVI_A_nidulans_FGSC_A4:893904-895429	WT_5hasex	WT_veg	NOTEST	0	0,572541	1.79769e+308	1.79769e+308	0,123323	1	no
samB	ChrVIII_A_nidulans_FGSC_A4:4681461-4683862	WT_5hasex	WT_veg	OK	146,839	153,221	0,061382	-0,117733	0,906279	0,964044	no
sarA	ChrVII_A_nidulans_FGSC_A4:3651922-3654048	WT_5hasex	WT_veg	OK	15,7097	32,6656	1,05611	-1,66497	0,0959182	0,281161	no
scaA	ChrVI_A_nidulans_FGSC_A4:928930-930715	WT_5hasex	WT_veg	OK	22,9535	44,1743	0,944491	-1,87952	0,0601735	0,202675	no
scdA	ChrVIII_A_nidulans_FGSC_A4:2361335-2363147	WT_5hasex	WT_veg	OK	32,9794	31,6245	-0,0605222	0,118528	0,905649	0,963925	no
scfA	ChrVIII_A_nidulans_FGSC_A4:887334-889649	WT_5hasex	WT_veg	OK	7,09193	7,1058	0,0028182	-0,00468638	0,996261	0,998531	no
schA	ChrII_A_nidulans_FGSC_A4:1650876-1654253	WT_5hasex	WT_veg	OK	70,3291	260,279	1,88787	-3,68111	0,00023222	0,00226521	yes
sconB	ChrI_A_nidulans_FGSC_A4:416628-419172	WT_5hasex	WT_veg	OK	30,6169	56,0858	0,873307	-1,81378	0,0697111	0,2248	no

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sconC	ChrVII_A_nidulans_FGSC_A4:3495101-3496041	WT_5hasex	WT_veg	OK	349,274	796,846	1,18994	-2,40474	0,0161839	0,0758765	no
sdpR	ChrII_A_nidulans_FGSC_A4:4000030-4000891	WT_5hasex	WT_veg	NOTEST	0,234123	0	-1.79769e+308	-1.79769e+308	0,23809	1	no
sdeA	ChrI_A_nidulans_FGSC_A4:3001976-3003856	WT_5hasex	WT_veg	OK	793,825	3443,62	2,11703	-3,21866	0,00128791	0,00967446	yes
sdeB	ChrII_A_nidulans_FGSC_A4:1981784-1983704	WT_5hasex	WT_veg	OK	696,944	534,971	-0,381581	0,585518	0,558199	0,787581	no
sds3	ChrVI_A_nidulans_FGSC_A4:1575336-1577053	WT_5hasex	WT_veg	OK	20,3349	62,0583	1,60967	-3,13412	0,00172369	0,0123361	yes
sec13	ChrIII_A_nidulans_FGSC_A4:2411558-2413029	WT_5hasex	WT_veg	OK	131,382	170,517	0,376151	-0,773661	0,439131	0,703547	no
sec23	ChrVIII_A_nidulans_FGSC_A4:4113268-4116051	WT_5hasex	WT_veg	OK	84,9775	104,446	0,297609	-0,595429	0,551557	0,783066	no
sec61	ChrVIII_A_nidulans_FGSC_A4:3611575-3612270	WT_5hasex	WT_veg	OK	135,415	85,1813	-0,668776	1,34497	0,178636	0,424116	no
secC	ChrVIII_A_nidulans_FGSC_A4:3481182-3486091	WT_5hasex	WT_veg	OK	16,5115	24,5886	0,574515	-1,18189	0,237248	0,50268	no
sed5	ChrIII_A_nidulans_FGSC_A4:771503-773184	WT_5hasex	WT_veg	OK	58,6565	115,475	0,977222	-2,02947	0,0424109	0,157417	no
seh1	ChrI_A_nidulans_FGSC_A4:1901829-1903041	WT_5hasex	WT_veg	OK	9,99247	24,2432	1,27866	-2,05485	0,0398934	0,150568	no
sepA	ChrI_A_nidulans_FGSC_A4:2363250-2368685	WT_5hasex	WT_veg	OK	11,3811	16,566	0,541587	-1,10299	0,270032	0,542105	no
sepB	ChrV_A_nidulans_FGSC_A4:1266366-1269339	WT_5hasex	WT_veg	OK	23,0076	37,0156	0,686021	-1,37321	0,169688	0,410299	no
sepH	ChrIII_A_nidulans_FGSC_A4:2191134-2195675	WT_5hasex	WT_veg	OK	25,0509	54,932	1,13278	-2,33162	0,0197206	0,0881589	no
sepK	ChrVII_A_nidulans_FGSC_A4:4003001-4008403	WT_5hasex	WT_veg	OK	6,11565	13,6997	1,16357	-2,22318	0,0262038	0,10943	no
sepM	ChrVIII_A_nidulans_FGSC_A4:2876504-2877430	WT_5hasex	WT_veg	OK	72,0636	53,9109	-0,418694	0,800462	0,423443	0,691319	no
ser1	Contig-mt188_A_nidulans_FGSC_A4:4131-4213	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
ser2	Contig-mt188_A_nidulans_FGSC_A4:4527-4608	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
sfaD	ChrVIII_A_nidulans_FGSC_A4:4669969-4671481	WT_5hasex	WT_veg	OK	80,9504	118,645	0,551539	-1,12054	0,262484	0,533232	no
sfga	ChrII_A_nidulans_FGSC_A4:840092-842166	WT_5hasex	WT_veg	OK	59,66	88,0508	0,561572	-1,10908	0,267397	0,539136	no
sgdA	ChrVIII_A_nidulans_FGSC_A4:3797354-3801144	WT_5hasex	WT_veg	OK	138,824	382,434	1,46196	-2,83494	0,00458342	0,0277376	yes
sgdB	ChrVI_A_nidulans_FGSC_A4:1804585-1806217	WT_5hasex	WT_veg	OK	9,46564	15,4239	0,704399	-1,17454	0,24018	0,505999	no
sgdC	ChrIII_A_nidulans_FGSC_A4:2767483-2770110	WT_5hasex	WT_veg	OK	27,4123	49,6286	0,856346	-1,77041	0,0766586	0,240546	no
sgdD	ChrVI_A_nidulans_FGSC_A4:786508-788523	WT_5hasex	WT_veg	OK	26,4714	42,7246	0,690632	-1,38836	0,165029	0,40305	no
sgdE	ChrI_A_nidulans_FGSC_A4:1517782-1520435	WT_5hasex	WT_veg	OK	472,338	1472,94	1,64081	-2,67367	0,0075027	0,0414154	yes
shoA	ChrIV_A_nidulans_FGSC_A4:2412655-2414542	WT_5hasex	WT_veg	OK	100,257	316,116	1,65675	-3,35276	0,00080009	0,00649417	yes
shrA	ChrVII_A_nidulans_FGSC_A4:2046439-2047304	WT_5hasex	WT_veg	OK	73,2199	102,801	0,489546	-0,983196	0,325511	0,602139	no
sidA	ChrI_A_nidulans_FGSC_A4:2141074-2142848	WT_5hasex	WT_veg	OK	124,118	21,1218	-2,55491	5,09189	3,5451E-07	7,2823E-06	yes
sidB	ChrIII_A_nidulans_FGSC_A4:2927755-2929998	WT_5hasex	WT_veg	OK	43,0838	91,6069	1,08831	-2,26372	0,0235912	0,100925	no
sidC	ChrVIII_A_nidulans_FGSC_A4:2999412-3013925	WT_5hasex	WT_veg	OK	3,67754	1,99965	-0,878995	1,80783	0,0706337	0,227043	no
sitA	ChrVIII_A_nidulans_FGSC_A4:3347060-3348645	WT_5hasex	WT_veg	OK	47,8191	65,3064	0,449637	-0,915276	0,360047	0,634703	no
slaB	ChrVI_A_nidulans_FGSC_A4:2903570-2907341	WT_5hasex	WT_veg	OK	103,892	246,742	1,24791	-2,45957	0,0139102	0,0674693	no
sldA	ChrII_A_nidulans_FGSC_A4:2554239-2558356	WT_5hasex	WT_veg	OK	19,8071	36,3215	0,874808	-1,80545	0,0710046	0,22778	no
sldB	ChrVII_A_nidulans_FGSC_A4:3952869-3954113	WT_5hasex	WT_veg	OK	65,4865	86,5032	0,401556	-0,823126	0,410437	0,680384	no
sldI	ChrII_A_nidulans_FGSC_A4:3571198-3575888	WT_5hasex	WT_veg	OK	8,94963	21,4709	1,26248	-2,50978	0,0120805	0,0604684	no
sItA	ChrVI_A_nidulans_FGSC_A4:2396816-2399624	WT_5hasex	WT_veg	OK	268,611	1357,64	2,33752	-4,02392	5,7238E-05	0,00067371	yes
smcB	ChrI_A_nidulans_FGSC_A4:1859553-1863435	WT_5hasex	WT_veg	OK	40,001	95,2495	1,25168	-2,5563	0,0105791	0,0544511	no
smd1	ChrVII_A_nidulans_FGSC_A4:2867071-2867733	WT_5hasex	WT_veg	OK	43,9051	104,833	1,25564	-2,26831	0,0233104	0,100009	no
smsA	ChrIII_A_nidulans_FGSC_A4:640882-641856	WT_5hasex	WT_veg	NOTEST	0,394282	1,79919	2,19005	-1,02229	0,306644	1	no
snaD	ChrII_A_nidulans_FGSC_A4:1257913-1260422	WT_5hasex	WT_veg	OK	16,5897	21,7526	0,3909	-0,77305	0,439493	0,703774	no
snpA	ChrIII_A_nidulans_FGSC_A4:2591235-2593456	WT_5hasex	WT_veg	OK	163,369	374,905	1,19839	-2,36286	0,0181344	0,0825825	no
sodA	ChrVIII_A_nidulans_FGSC_A4:4171509-4172741	WT_5hasex	WT_veg	OK	1312,59	2938,9	1,16286	-2,02927	0,0424307	0,157479	no
sodB	ChrV_A_nidulans_FGSC_A4:2351931-2352909	WT_5hasex	WT_veg	OK	593,001	1564	1,39914	-2,53587	0,0112169	0,0570167	no
sodM	ChrVIII_A_nidulans_FGSC_A4:2476353-2477176	WT_5hasex	WT_veg	NOTEST	1,27773	1,70463	0,415872	-0,328308	0,742679	1	no
sogA	ChrII_A_nidulans_FGSC_A4:3663164-3665342	WT_5hasex	WT_veg	OK	55,251	99,6664	0,851107	-1,74801	0,0804627	0,248668	no
sogB	ChrVII_A_nidulans_FGSC_A4:3248866-3250882	WT_5hasex	WT_veg	OK	64,6242	67,6629	0,0662895	-0,137406	0,89071	0,958576	no
sonA	ChrVIII_A_nidulans_FGSC_A4:687494-688779	WT_5hasex	WT_veg	OK	76,4329	134,017	0,810156	-1,67294	0,0943394	0,277916	no
sonB	ChrV_A_nidulans_FGSC_A4:2162144-2168709	WT_5hasex	WT_veg	OK	38,1714	80,2744	1,07245	-2,19202	0,0283779	0,116122	no
spaA	ChrII_A_nidulans_FGSC_A4:2973333-2976173	WT_5hasex	WT_veg	OK	11,9494	34,6521	1,536	-2,93411	0,00334501	0,0214362	yes
spb4	ChrVI_A_nidulans_FGSC_A4:1579516-1581538	WT_5hasex	WT_veg	OK	7,83936	50,6653	2,69219	-4,58472	4,5459E-06	7,1003E-05	yes
spdA	ChrVIII_A_nidulans_FGSC_A4:2786504-2791251	WT_5hasex	WT_veg	OK	217,041	471,62	1,11965	-1,99484	0,04606	0,167509	no
spgA	ChrIV_A_nidulans_FGSC_A4:686344-688637	WT_5hasex	WT_veg	OK	87,0356	252,136	1,53452	-3,19873	0,00138033	0,0102439	yes
sreA	ChrVIII_A_nidulans_FGSC_A4:4363947-4365712	WT_5hasex	WT_veg	OK	21,9859	70,5572	1,68221	-3,29461	0,0009856	0,00775487	yes

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srgA	ChrIV_A_nidulans_FGSC_A4:1433698-1434439	WT_5hasex	WT_veg	OK	161,86	449,041	1,4721	-3,00668	0,00264119	0,0175818	yes
srgB	ChrII_A_nidulans_FGSC_A4:1520315-1521948	WT_5hasex	WT_veg	OK	708,269	1647,24	1,21768	-2,18344	0,0290031	0,118145	no
srgC	ChrIV_A_nidulans_FGSC_A4:2107086-2108129	WT_5hasex	WT_veg	OK	104,543	120,029	0,199277	-0,403864	0,686313	0,861994	no
srgD	ChrV_A_nidulans_FGSC_A4:1176166-1177316	WT_5hasex	WT_veg	OK	73,0963	117,425	0,683872	-1,40714	0,159387	0,394474	no
srgE	ChrVIII_A_nidulans_FGSC_A4:3837771-3839376	WT_5hasex	WT_veg	OK	183,714	341,712	0,895321	-1,79225	0,0730925	0,232429	no
srgG	ChrIII_A_nidulans_FGSC_A4:564176-565653	WT_5hasex	WT_veg	OK	167,1	344,107	1,04214	-2,12191	0,0338452	0,13328	no
srgH	ChrII_A_nidulans_FGSC_A4:2892108-2893714	WT_5hasex	WT_veg	OK	150,927	364,115	1,27054	-2,60843	0,00909582	0,048326	yes
srgL	ChrVIII_A_nidulans_FGSC_A4:4702501-4705778	WT_5hasex	WT_veg	OK	29,9639	77,1733	1,36488	-2,63937	0,00830603	0,0448992	yes
srpA	ChrII_A_nidulans_FGSC_A4:1263772-1265638	WT_5hasex	WT_veg	OK	37,043	73,9282	0,996923	-2,04258	0,0410943	0,153742	no
srrA	ChrII_A_nidulans_FGSC_A4:3369724-3371705	WT_5hasex	WT_veg	OK	32,6391	259,959	2,99361	-5,85081	4,8918E-09	1,507E-07	yes
srrB	ChrIV_A_nidulans_FGSC_A4:1985803-1991991	WT_5hasex	WT_veg	OK	14,9302	30,987	1,05343	-2,12528	0,0335633	0,132359	no
srrC	ChrII_A_nidulans_FGSC_A4:1985020-1985772	WT_5hasex	WT_veg	OK	23,4602	72,7335	1,63241	-2,66678	0,00765824	0,0420966	yes
ssfA	ChrVII_A_nidulans_FGSC_A4:1807654-1808961	WT_5hasex	WT_veg	OK	208,182	262,231	0,332992	-0,677082	0,498354	0,748574	no
sskA	ChrIV_A_nidulans_FGSC_A4:2409046-2411657	WT_5hasex	WT_veg	OK	30,9066	62,1264	1,00729	-2,11478	0,0344484	0,135117	no
sskB	ChrVIII_A_nidulans_FGSC_A4:1280136-1284404	WT_5hasex	WT_veg	OK	15,5147	19,9925	0,365823	-0,746652	0,455273	0,716563	no
ssnF	ChrI_A_nidulans_FGSC_A4:930334-933704	WT_5hasex	WT_veg	OK	46,9631	55,0308	0,228712	-0,476699	0,633577	0,832482	no
ssoA	ChrVI_A_nidulans_FGSC_A4:789469-791395	WT_5hasex	WT_veg	OK	140,176	480,624	1,77767	-3,58198	0,000341	0,00313931	yes
stcA	ChrIV_A_nidulans_FGSC_A4:2783097-2790165	WT_5hasex	WT_veg	NOTEST	0,418271	0,251943	-0,731344	0,740438	0,459034	1	no
stcB	ChrIV_A_nidulans_FGSC_A4:2780749-2782732	WT_5hasex	WT_veg	NOTEST	0,587111	2,46432	2,06948	-2,04484	0,0408709	1	no
stcC	ChrIV_A_nidulans_FGSC_A4:2779293-2780211	WT_5hasex	WT_veg	NOTEST	1,04541	0,192412	-2,4418	0,808011	0,419084	1	no
stcE	ChrIV_A_nidulans_FGSC_A4:2776348-2777470	WT_5hasex	WT_veg	NOTEST	0	1,77122	1.79769e+308	1.79769e+308	0,036343	1	no
stcF	ChrIV_A_nidulans_FGSC_A4:2770496-2772142	WT_5hasex	WT_veg	NOTEST	0,684086	2,92964	2,09848	-2,18384	0,0289739	1	no
stcI	ChrIV_A_nidulans_FGSC_A4:2767430-2768638	WT_5hasex	WT_veg	OK	5,90945	11,8009	0,997797	-1,47286	0,140789	0,363789	no
stcJ	ChrIV_A_nidulans_FGSC_A4:2761767-2766495	WT_5hasex	WT_veg	OK	4,13231	3,07994	-0,424049	0,730417	0,465136	0,724125	no
stcK	ChrIV_A_nidulans_FGSC_A4:2755287-2761273	WT_5hasex	WT_veg	NOTEST	1,8944	2,15468	0,185732	-0,287494	0,773734	1	no
stcL	ChrIV_A_nidulans_FGSC_A4:2753657-2755283	WT_5hasex	WT_veg	NOTEST	0,936551	0	-1.79769e+308	-1.79769e+308	0,0315813	1	no
stcN	ChrIV_A_nidulans_FGSC_A4:2750716-2752732	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
stcO	ChrIV_A_nidulans_FGSC_A4:2749783-2750682	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
stcQ	ChrIV_A_nidulans_FGSC_A4:2747368-2748271	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
stcS	ChrIV_A_nidulans_FGSC_A4:2743867-2745424	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
stcT	ChrIV_A_nidulans_FGSC_A4:2742344-2743058	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
stcU	ChrIV_A_nidulans_FGSC_A4:2741251-2742146	WT_5hasex	WT_veg	NOTEST	0,79421	0	-1.79769e+308	-1.79769e+308	0,0653486	1	no
stcV	ChrIV_A_nidulans_FGSC_A4:2739866-2741137	WT_5hasex	WT_veg	OK	2,53725	1,37822	-0,880453	0,837387	0,402375	0,673773	no
stcW	ChrIV_A_nidulans_FGSC_A4:2737332-2739681	WT_5hasex	WT_veg	NOTEST	0,243359	1,16778	2,26261	-1,93913	0,052486	1	no
ste13	ChrVI_A_nidulans_FGSC_A4:2296436-2301857	WT_5hasex	WT_veg	OK	36,6128	58,0466	0,664864	-1,32525	0,185088	0,433745	no
steA	ChrVII_A_nidulans_FGSC_A4:3455979-3459699	WT_5hasex	WT_veg	OK	70,398	127,822	0,860532	-1,54922	0,121328	0,330157	no
steC	ChrVII_A_nidulans_FGSC_A4:3391706-3394520	WT_5hasex	WT_veg	OK	33,0397	50,4384	0,610319	-1,26086	0,20736	0,464522	no
strA	ChrII_A_nidulans_FGSC_A4:657881-660900	WT_5hasex	WT_veg	OK	45,0788	52,3183	0,214867	-0,443893	0,65712	0,84547	no
stuA	ChrI_A_nidulans_FGSC_A4:2087126-2089502	WT_5hasex	WT_veg	OK	157,753	190,51	0,272206	-0,469151	0,638962	0,835318	no
suAprgA1	ChrVI_A_nidulans_FGSC_A4:2050946-2052407	WT_5hasex	WT_veg	OK	353,668	610,647	0,787946	-1,5119	0,130559	0,346197	no
sudA	ChrI_A_nidulans_FGSC_A4:404623-409531	WT_5hasex	WT_veg	OK	31,1334	42,6136	0,452848	-0,915477	0,359942	0,63457	no
sudD	ChrI_A_nidulans_FGSC_A4:409729-411698	WT_5hasex	WT_veg	OK	14,8794	24,9224	0,744128	-1,40174	0,160993	0,396594	no
sumO	ChrVIII_A_nidulans_FGSC_A4:1237842-1238535	WT_5hasex	WT_veg	OK	153,816	340,074	1,14464	-2,36716	0,0179254	0,0819441	no
sunA	ChrI_A_nidulans_FGSC_A4:2883259-2885322	WT_5hasex	WT_veg	OK	551,343	793,662	0,525573	-0,920291	0,35742	0,632632	no
sunB	ChrVIII_A_nidulans_FGSC_A4:2665078-2666750	WT_5hasex	WT_veg	OK	151,825	240,092	0,661176	-1,34682	0,178038	0,423161	no
surG	ChrIII_A_nidulans_FGSC_A4:1519351-1520890	WT_5hasex	WT_veg	OK	443,451	2206,24	2,31474	-4,17299	3,0062E-05	0,00038444	yes
swoC	ChrIII_A_nidulans_FGSC_A4:2598103-2600165	WT_5hasex	WT_veg	OK	176,049	868,907	2,30323	-4,25834	2,0595E-05	0,00027357	yes
swoF	ChrII_A_nidulans_FGSC_A4:2899123-2900843	WT_5hasex	WT_veg	OK	83,7351	202,245	1,2722	-2,64088	0,00826909	0,044778	yes
swoH	ChrII_A_nidulans_FGSC_A4:1171261-1172244	WT_5hasex	WT_veg	OK	1315,43	1776,69	0,433664	-0,787831	0,430796	0,697327	no
swoK	ChrI_A_nidulans_FGSC_A4:2199895-2200972	WT_5hasex	WT_veg	OK	157,138	331,056	1,07504	-2,23483	0,0254286	0,10684	no
swoM	ChrI_A_nidulans_FGSC_A4:1440748-1442761	WT_5hasex	WT_veg	OK	274,895	762,563	1,47198	-2,69494	0,0070401	0,0392965	yes
synA	ChrIII_A_nidulans_FGSC_A4:2877170-2878367	WT_5hasex	WT_veg	OK	422,792	718,642	0,765323	-1,49461	0,135016	0,354075	no
tA(AGC)1	ChrVII_A_nidulans_FGSC_A4:281283-281355	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no

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tA(AGC)2	ChrVII_A_nidulans_FGSC_A4:281118-281190	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)3	ChrVIII_A_nidulans_FGSC_A4:2085753-2085825	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)4	ChrVIII_A_nidulans_FGSC_A4:2090570-2090642	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)5	ChrVIII_A_nidulans_FGSC_A4:2089410-2089482	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)6	ChrVIII_A_nidulans_FGSC_A4:2089226-2089298	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)7	ChrVIII_A_nidulans_FGSC_A4:2088987-2089059	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(AGC)8	ChrVIII_A_nidulans_FGSC_A4:2087203-2087275	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(CGC)1	ChrI_A_nidulans_FGSC_A4:2013455-2013527	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(CGC)2	ChrVII_A_nidulans_FGSC_A4:2281410-2281482	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(CGC)3	ChrVIII_A_nidulans_FGSC_A4:1102888-1102960	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(TGC)1	ChrVIII_A_nidulans_FGSC_A4:1103355-1103427	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tA(TGC)2	ChrVIII_A_nidulans_FGSC_A4:3114184-3119333	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tC(GCA)1	ChrV_A_nidulans_FGSC_A4:431083-431166	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tC(GCA)2	ChrV_A_nidulans_FGSC_A4:1216256-1216339	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tC(GCA)3	ChrV_A_nidulans_FGSC_A4:1198141-1198224	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)1	ChrII_A_nidulans_FGSC_A4:990174-990261	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)2	ChrIV_A_nidulans_FGSC_A4:1013958-1014046	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)3	ChrV_A_nidulans_FGSC_A4:2389192-2389280	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)4	ChrV_A_nidulans_FGSC_A4:2395290-2395378	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)5	ChrV_A_nidulans_FGSC_A4:2392642-2392729	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)6	ChrVII_A_nidulans_FGSC_A4:2021788-2021875	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)7	ChrVII_A_nidulans_FGSC_A4:1549119-1549206	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tD(GTC)8	ChrVIII_A_nidulans_FGSC_A4:275470-275557	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)1	ChrI_A_nidulans_FGSC_A4:867268-867340	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)2	ChrI_A_nidulans_FGSC_A4:874257-874329	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)3	ChrI_A_nidulans_FGSC_A4:870520-870592	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)4	ChrIII_A_nidulans_FGSC_A4:2838586-2838667	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)5	ChrIII_A_nidulans_FGSC_A4:302798-302870	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)6	ChrIV_A_nidulans_FGSC_A4:1806384-1806456	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)7	ChrVII_A_nidulans_FGSC_A4:347775-347847	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(CTC)8	ChrVIII_A_nidulans_FGSC_A4:200108-200180	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(TTC)1	ChrII_A_nidulans_FGSC_A4:711174-711267	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(TTC)2	ChrVI_A_nidulans_FGSC_A4:1546830-1546902	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tE(TTC)3	ChrVI_A_nidulans_FGSC_A4:1695964-1696432	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tF(GAA)1	ChrII_A_nidulans_FGSC_A4:3183970-3184074	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tF(GAA)2	ChrII_A_nidulans_FGSC_A4:3197901-3198005	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tF(GAA)3	ChrIII_A_nidulans_FGSC_A4:1985896-1986000	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tF(GAA)4	ChrV_A_nidulans_FGSC_A4:1615005-1615108	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tF(GAA)5	ChrVI_A_nidulans_FGSC_A4:2923424-2923527	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(CCC)1	ChrVII_A_nidulans_FGSC_A4:1550026-1550114	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)1	ChrII_A_nidulans_FGSC_A4:271108-271179	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)10	ChrVII_A_nidulans_FGSC_A4:1350240-1350311	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)11	ChrVIII_A_nidulans_FGSC_A4:4586752-4586823	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)2	ChrII_A_nidulans_FGSC_A4:2096283-2096354	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)3	ChrIII_A_nidulans_FGSC_A4:1646583-1646654	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)4	ChrV_A_nidulans_FGSC_A4:441426-441497	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)5	ChrV_A_nidulans_FGSC_A4:753212-753283	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)6	ChrV_A_nidulans_FGSC_A4:1331978-1332049	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)7	ChrV_A_nidulans_FGSC_A4:2900020-2900091	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)8	ChrVI_A_nidulans_FGSC_A4:1153595-1153666	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(GCC)9	ChrVI_A_nidulans_FGSC_A4:1616424-1616495	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(TCC)1	ChrII_A_nidulans_FGSC_A4:476998-477086	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tG(TCC)2	ChrVI_A_nidulans_FGSC_A4:2373948-2374036	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no

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tG(TCC)3	ChrVI_A_nidulans_FGSC_A4:2400119-2400190	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tH(GTG)1	ChrVII_A_nidulans_FGSC_A4:2306452-2306524	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tH(GTG)2	ChrVIII_A_nidulans_FGSC_A4:4025652-4025723	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tH(GTG)3	ChrVIII_A_nidulans_FGSC_A4:4034059-4034130	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tH(GTG)4	ChrVIII_A_nidulans_FGSC_A4:4032791-4032862	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tH(GTG)5	ChrVIII_A_nidulans_FGSC_A4:4028296-4028367	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)1	ChrV_A_nidulans_FGSC_A4:1927701-1927783	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)2	ChrV_A_nidulans_FGSC_A4:2078761-2078857	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)3	ChrV_A_nidulans_FGSC_A4:2081458-2081554	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)4	ChrV_A_nidulans_FGSC_A4:2077736-2077818	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)5	ChrVII_A_nidulans_FGSC_A4:4069929-4070003	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)6	ChrVII_A_nidulans_FGSC_A4:4086305-4086379	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(AAT)7	ChrVII_A_nidulans_FGSC_A4:2183314-2183388	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tI(TAT)1	ChrVIII_A_nidulans_FGSC_A4:1682547-1682638	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)1	ChrI_A_nidulans_FGSC_A4:2701253-2701326	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)2	ChrIV_A_nidulans_FGSC_A4:2094553-2094626	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)3	ChrIV_A_nidulans_FGSC_A4:1848730-1848803	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)4	ChrVI_A_nidulans_FGSC_A4:1687277-1687350	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)5	ChrVII_A_nidulans_FGSC_A4:877744-877817	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)6	ChrVII_A_nidulans_FGSC_A4:458904-458977	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)7	ChrVII_A_nidulans_FGSC_A4:359349-359422	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(CTT)8	ChrVIII_A_nidulans_FGSC_A4:510133-510206	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(TTT)1	ChrII_A_nidulans_FGSC_A4:3955775-3955867	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tK(TTT)2	ChrII_A_nidulans_FGSC_A4:3954770-3954863	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)1	ChrV_A_nidulans_FGSC_A4:924120-924235	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)2	ChrV_A_nidulans_FGSC_A4:1597432-1597548	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)3	ChrV_A_nidulans_FGSC_A4:2637218-2637336	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)4	ChrV_A_nidulans_FGSC_A4:440316-440434	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)5	ChrVII_A_nidulans_FGSC_A4:2177981-2178098	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(AAG)6	ChrVII_A_nidulans_FGSC_A4:356067-356185	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(CAA)1	ChrI_A_nidulans_FGSC_A4:3463042-3463151	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(CAA)2	ChrVII_A_nidulans_FGSC_A4:3352747-3352858	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(CAG)1	ChrIV_A_nidulans_FGSC_A4:1888366-1888473	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(CAG)2	ChrIV_A_nidulans_FGSC_A4:1888569-1888684	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(CAG)3	ChrVIII_A_nidulans_FGSC_A4:3869967-3870074	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(TAA)1	ChrII_A_nidulans_FGSC_A4:3223765-3223866	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(TAG)1	ChrI_A_nidulans_FGSC_A4:3365749-3365846	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tL(TAG)2	ChrVIII_A_nidulans_FGSC_A4:1611162-1611258	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)1	ChrII_A_nidulans_FGSC_A4:766137-766209	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)2	ChrII_A_nidulans_FGSC_A4:3111725-3111832	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)3	ChrII_A_nidulans_FGSC_A4:3131644-3131751	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)4	ChrIII_A_nidulans_FGSC_A4:1446822-1446894	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)5	ChrVI_A_nidulans_FGSC_A4:2800702-2800809	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)6	ChrVII_A_nidulans_FGSC_A4:3523108-3523180	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tM(CAT)7	ChrVII_A_nidulans_FGSC_A4:3543039-3543111	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)1	ChrI_A_nidulans_FGSC_A4:734147-734237	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)2	ChrI_A_nidulans_FGSC_A4:736432-736522	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)3	ChrI_A_nidulans_FGSC_A4:736835-736925	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)4	ChrII_A_nidulans_FGSC_A4:3191945-3192032	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)5	ChrVII_A_nidulans_FGSC_A4:856726-856838	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tN(GTT)6	ChrVII_A_nidulans_FGSC_A4:856359-856452	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(AGG)1	ChrII_A_nidulans_FGSC_A4:2050427-2050519	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(AGG)2	ChrII_A_nidulans_FGSC_A4:2047472-2047564	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no

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tP(AGG)3	ChrVIII_A_nidulans_FGSC_A4:385989-386080	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(AGG)4	ChrVIII_A_nidulans_FGSC_A4:2625841-2625931	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(AGG)5	ChrVIII_A_nidulans_FGSC_A4:2625436-2625526	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(AGG)6	ChrVIII_A_nidulans_FGSC_A4:2547564-2547656	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(CGG)1	ChrV_A_nidulans_FGSC_A4:323229-323301	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(CGG)2	ChrVIII_A_nidulans_FGSC_A4:4820469-4820576	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(TGG)1	ChrVIII_A_nidulans_FGSC_A4:4818276-4818363	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tP(TGG)2	ChrVIII_A_nidulans_FGSC_A4:4816400-4816487	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(CTG)1	ChrIII_A_nidulans_FGSC_A4:2827560-2827646	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(CTG)2	ChrVII_A_nidulans_FGSC_A4:160621-160709	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(CTG)3	ChrVIII_A_nidulans_FGSC_A4:4801808-4803666	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(CTG)4	ChrVIII_A_nidulans_FGSC_A4:4801808-4803666	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(CTG)5	ChrVIII_A_nidulans_FGSC_A4:4804907-4804995	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(TTG)1	ChrVIII_A_nidulans_FGSC_A4:1880841-1880925	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tQ(TTG)2	ChrVIII_A_nidulans_FGSC_A4:1880570-1880657	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)1	ChrI_A_nidulans_FGSC_A4:2756246-2756318	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)2	ChrI_A_nidulans_FGSC_A4:3130846-3130919	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)3	ChrI_A_nidulans_FGSC_A4:2573101-2573174	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)4	ChrII_A_nidulans_FGSC_A4:2102510-2102583	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)5	ChrII_A_nidulans_FGSC_A4:1320845-1320918	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)6	ChrIII_A_nidulans_FGSC_A4:3260699-3260772	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)7	ChrIV_A_nidulans_FGSC_A4:837688-837761	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)8	ChrVI_A_nidulans_FGSC_A4:2614092-2614165	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(ACG)9	ChrVI_A_nidulans_FGSC_A4:1623872-1623945	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(CCG)1	ChrI_A_nidulans_FGSC_A4:2754936-2755029	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(CCG)2	ChrV_A_nidulans_FGSC_A4:2873584-2873665	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(CCT)1	ChrV_A_nidulans_FGSC_A4:2477574-2477696	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(CCT)2	ChrV_A_nidulans_FGSC_A4:2478756-2478852	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(TCG)1	ChrVII_A_nidulans_FGSC_A4:2252845-2252928	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(TCG)2	ChrVII_A_nidulans_FGSC_A4:2253447-2253530	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(TCT)1	ChrVII_A_nidulans_FGSC_A4:2776385-2776457	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tR(TCT)2	ChrVII_A_nidulans_FGSC_A4:2776230-2776302	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(AGA)1	ChrIV_A_nidulans_FGSC_A4:2092831-2092912	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(AGA)2	ChrV_A_nidulans_FGSC_A4:1586178-1586259	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(AGA)3	ChrVII_A_nidulans_FGSC_A4:4242090-4242171	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(AGA)4	ChrVII_A_nidulans_FGSC_A4:4247219-4247300	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(AGA)5	ChrVII_A_nidulans_FGSC_A4:4243997-4244078	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(CGA)1	ChrI_A_nidulans_FGSC_A4:2750864-2750963	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(CGA)2	ChrIII_A_nidulans_FGSC_A4:2757627-2757734	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(GCT)1	ChrIII_A_nidulans_FGSC_A4:2237367-2237468	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(GCT)2	ChrIII_A_nidulans_FGSC_A4:2237874-2237975	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(GCT)3	ChrIII_A_nidulans_FGSC_A4:2238517-2238619	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(GCT)4	ChrVII_A_nidulans_FGSC_A4:428000-428104	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tS(TGA)1	ChrI_A_nidulans_FGSC_A4:3426446-3426548	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)1	ChrI_A_nidulans_FGSC_A4:2449520-2449630	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)2	ChrVIII_A_nidulans_FGSC_A4:1972702-1972775	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)3	ChrVIII_A_nidulans_FGSC_A4:1976867-1976940	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)4	ChrVIII_A_nidulans_FGSC_A4:1978393-1978466	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)5	ChrVIII_A_nidulans_FGSC_A4:1975258-1975331	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(AGT)6	ChrVIII_A_nidulans_FGSC_A4:219405-219478	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(CGT)1	ChrVII_A_nidulans_FGSC_A4:1969886-1969987	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(CGT)2	ChrVIII_A_nidulans_FGSC_A4:1140323-1140405	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no
tT(TGT)1	ChrVIII_A_nidulans_FGSC_A4:3640896-3640988	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1 no

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tT(TGT)2	ChrVIII_A_nidulans_FGSC_A4:3640077-3640169	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)1	ChrII_A_nidulans_FGSC_A4:1988450-1988524	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)2	ChrII_A_nidulans_FGSC_A4:2496411-2496485	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)3	ChrII_A_nidulans_FGSC_A4:2497034-2497108	WT_5hasex	WT_veg	OK	34,507	0	-1.79769e+308	-1.79769e+308	0,302276	0,578089	no
tV(AAC)4	ChrII_A_nidulans_FGSC_A4:2499668-2499742	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)5	ChrII_A_nidulans_FGSC_A4:2493970-2494044	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)6	ChrVIII_A_nidulans_FGSC_A4:844298-844372	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(AAC)7	ChrVIII_A_nidulans_FGSC_A4:4077901-4077975	WT_5hasex	WT_veg	OK	34,507	0	-1.79769e+308	-1.79769e+308	0,302276	0,578089	no
tV(AAC)8	ChrVIII_A_nidulans_FGSC_A4:1222174-1222248	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(CAC)1	ChrII_A_nidulans_FGSC_A4:2496698-2496772	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(CAC)2	ChrVI_A_nidulans_FGSC_A4:997348-997453	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tV(TAC)1	ChrVIII_A_nidulans_FGSC_A4:830681-830755	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tW(CCA)1	ChrVIII_A_nidulans_FGSC_A4:1208045-1208117	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tW(CCA)2	ChrVIII_A_nidulans_FGSC_A4:1208992-1209064	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tW(CCA)3	ChrVIII_A_nidulans_FGSC_A4:1210746-1210818	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tY(GTA)1	ChrI_A_nidulans_FGSC_A4:2803519-2803607	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tY(GTA)2	ChrII_A_nidulans_FGSC_A4:2910668-2910756	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tY(GTA)3	ChrII_A_nidulans_FGSC_A4:2911185-2911273	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tY(GTA)4	ChrV_A_nidulans_FGSC_A4:373116-373203	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tY(GTA)5	ChrVI_A_nidulans_FGSC_A4:1490479-1490568	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tamA	ChrVI_A_nidulans_FGSC_A4:2314121-2316434	WT_5hasex	WT_veg	OK	40,3461	40,9469	0,0213253	-0,0388745	0,96899	0,98877	no
tapA	ChrVIII_A_nidulans_FGSC_A4:4532922-4534099	WT_5hasex	WT_veg	OK	48,3416	61,8379	0,355227	-0,713686	0,475421	0,731875	no
tcsA	ChrV_A_nidulans_FGSC_A4:3228536-3230930	WT_5hasex	WT_veg	OK	50,3078	135,793	1,43256	-2,99755	0,00272159	0,0180163	yes
tcsB	ChrVII_A_nidulans_FGSC_A4:1928770-1932342	WT_5hasex	WT_veg	OK	56,5472	126,955	1,16679	-2,36465	0,0180472	0,0823143	no
tctexA	ChrVIII_A_nidulans_FGSC_A4:802474-804821	WT_5hasex	WT_veg	OK	120,561	199,131	0,723948	-1,50282	0,132887	0,350447	no
tdiA	ChrV_A_nidulans_FGSC_A4:735712-738625	WT_5hasex	WT_veg	NOTEST	0,0818122	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
tdiB	ChrV_A_nidulans_FGSC_A4:739014-740407	WT_5hasex	WT_veg	NOTEST	0,7938	0	-1.79769e+308	-1.79769e+308	0,0374437	1	no
tdiC	ChrV_A_nidulans_FGSC_A4:741057-742125	WT_5hasex	WT_veg	NOTEST	0,835749	3,10007	1,89116	-1,92117	0,0547108	1	no
tdiD	ChrV_A_nidulans_FGSC_A4:742341-744060	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
tdiE	ChrV_A_nidulans_FGSC_A4:744086-745471	WT_5hasex	WT_veg	NOTEST	0,510033	2,10174	2,04292	-1,49609	0,13463	1	no
teaA	ChrIII_A_nidulans_FGSC_A4:1649631-1654262	WT_5hasex	WT_veg	OK	21,0913	19,6068	-0,105293	0,214902	0,829844	0,932311	no
teaC	ChrVIII_A_nidulans_FGSC_A4:1515027-1517464	WT_5hasex	WT_veg	OK	18,7535	26,9238	0,52172	-1,00993	0,312527	0,588764	no
teaR	ChrII_A_nidulans_FGSC_A4:1721209-1722889	WT_5hasex	WT_veg	OK	29,7105	59,2	0,994623	-1,96987	0,048853	0,174792	no
thiF	ChrII_A_nidulans_FGSC_A4:2623804-2625358	WT_5hasex	WT_veg	OK	1359,13	1831,84	0,430607	-0,541161	0,588397	0,806138	no
tigA	ChrVIII_A_nidulans_FGSC_A4:4688906-4690067	WT_5hasex	WT_veg	OK	134,53	191,281	0,507763	-1,0482	0,294548	0,56928	no
tilA	ChrVIII_A_nidulans_FGSC_A4:2122437-2124515	WT_5hasex	WT_veg	OK	26,473	18,2294	-0,538249	0,98521	0,324521	0,601031	no
tinA	ChrVI_A_nidulans_FGSC_A4:396890-398786	WT_5hasex	WT_veg	OK	33,2243	46,673	0,49035	-0,998183	0,318191	0,594322	no
tinC	ChrVI_A_nidulans_FGSC_A4:539323-544557	WT_5hasex	WT_veg	OK	86,9883	120,388	0,4688	-0,910508	0,362555	0,637353	no
tlgB	ChrVII_A_nidulans_FGSC_A4:2694754-2696312	WT_5hasex	WT_veg	OK	52,7795	68,4527	0,375131	-0,760174	0,447151	0,710199	no
tmpA	ChrVIII_A_nidulans_FGSC_A4:4736178-4738059	WT_5hasex	WT_veg	OK	32,1778	25,3605	-0,343484	0,633547	0,526377	0,767364	no
top1	ChrVIII_A_nidulans_FGSC_A4:4134579-4137933	WT_5hasex	WT_veg	OK	44,4057	158,911	1,8394	-3,78028	0,00015665	0,00161292	yes
top2	ChrV_A_nidulans_FGSC_A4:2905231-2910535	WT_5hasex	WT_veg	OK	31,487	70,3876	1,16056	-2,36086	0,0182327	0,0829436	no
torA	ChrI_A_nidulans_FGSC_A4:1592217-1599573	WT_5hasex	WT_veg	OK	24,9938	51,4454	1,04147	-2,1324	0,0329742	0,130497	no
tpiA	ChrI_A_nidulans_FGSC_A4:3517592-3518928	WT_5hasex	WT_veg	OK	479,167	931,761	0,959433	-1,85946	0,0629618	0,209023	no
tpiB	ChrI_A_nidulans_FGSC_A4:1841637-1842943	WT_5hasex	WT_veg	OK	109,973	345,208	1,65032	-3,37267	0,00074444	0,006104	yes
tpmA	ChrV_A_nidulans_FGSC_A4:1983638-1984671	WT_5hasex	WT_veg	OK	725,419	1708,89	1,23618	-2,26462	0,023536	0,100771	no
tprA	ChrII_A_nidulans_FGSC_A4:3583527-3587994	WT_5hasex	WT_veg	NOTEST	1,08247	2,85112	1,39721	-1,7205	0,0853425	1	no
tpsA	ChrV_A_nidulans_FGSC_A4:2521594-2524068	WT_5hasex	WT_veg	OK	226,402	919,495	2,02195	-3,62946	0,00028401	0,00269225	yes
treA	ChrVIII_A_nidulans_FGSC_A4:333423-336481	WT_5hasex	WT_veg	OK	26,7418	96,352	1,84922	-3,85162	0,00011734	0,00126256	yes
treB	ChrV_A_nidulans_FGSC_A4:2136479-2139545	WT_5hasex	WT_veg	OK	118,276	311,824	1,39857	-2,53057	0,0113879	0,0577335	no
trkA	ChrV_A_nidulans_FGSC_A4:2133504-2135962	WT_5hasex	WT_veg	OK	1,87766	5,15873	1,45808	-1,92981	0,05363	0,18646	no
trkB	ChrII_A_nidulans_FGSC_A4:542654-545144	WT_5hasex	WT_veg	OK	14,3482	79,6437	2,47269	-4,79375	1,6369E-06	2,8698E-05	yes
trkC	ChrVIII_A_nidulans_FGSC_A4:1989386-1991745	WT_5hasex	WT_veg	OK	15,981	44,5084	1,47772	-2,805	0,00503164	0,0298841	yes

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trm1	ChrVIII_A_nidulans_FGSC_A4:530330-532511	WT_5hasex	WT_veg	OK	8,11921	20,8821	1,36285	-2,37721	0,0174442	0,0802485	no
trp	Contig-mt188_A_nidulans_FGSC_A4:4455-4526	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
trpB	ChrI_A_nidulans_FGSC_A4:818732-821348	WT_5hasex	WT_veg	OK	60,44	87,2921	0,530347	-1,10268	0,270164	0,542233	no
trpC	ChrVIII_A_nidulans_FGSC_A4:2900978-2903029	WT_5hasex	WT_veg	OK	63,6049	70,721	0,153	-0,315617	0,752293	0,896884	no
trxA	ChrVIII_A_nidulans_FGSC_A4:4387376-4388858	WT_5hasex	WT_veg	OK	1728,64	2981,78	0,786535	-1,19564	0,231836	0,496166	no
trxB	ChrII_A_nidulans_FGSC_A4:1181567-1186594	WT_5hasex	WT_veg	OK	225,692	147,247	-0,616114	1,19721	0,231225	0,49543	no
trxR	ChrII_A_nidulans_FGSC_A4:3700957-3702453	WT_5hasex	WT_veg	OK	233,357	614,256	1,3963	-2,52586	0,0115416	0,0583509	no
tubA	ChrVIII_A_nidulans_FGSC_A4:3934406-3936443	WT_5hasex	WT_veg	OK	449,57	650,197	0,532331	-0,967087	0,333501	0,609876	no
tubB	ChrIV_A_nidulans_FGSC_A4:1977568-1979680	WT_5hasex	WT_veg	OK	259,59	444,825	0,777003	-1,48926	0,136419	0,356559	no
tubC	ChrI_A_nidulans_FGSC_A4:3345159-3347052	WT_5hasex	WT_veg	OK	445,894	357,213	-0,319915	0,583531	0,559536	0,78866	no
tyr	Contig-mt188_A_nidulans_FGSC_A4:6775-6860	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
uaW	ChrVIII_A_nidulans_FGSC_A4:4701323-4701980	WT_5hasex	WT_veg	OK	61,6204	255,324	2,05085	-3,81271	0,00013745	0,00144575	yes
uaX	ChrVI_A_nidulans_FGSC_A4:2428608-2429055	WT_5hasex	WT_veg	OK	81,5357	1025,3	3,65247	-6,76914	1,2955E-11	6,0614E-10	yes
uaY	ChrVIII_A_nidulans_FGSC_A4:2148804-2152088	WT_5hasex	WT_veg	OK	73,8915	26,9613	-1,45452	2,90221	0,0037054	0,0233245	yes
uaZ	ChrI_A_nidulans_FGSC_A4:1659243-1660314	WT_5hasex	WT_veg	OK	2089,52	9735,02	2,22001	-2,69625	0,00701249	0,0391883	yes
uapA	ChrI_A_nidulans_FGSC_A4:3618699-3620606	WT_5hasex	WT_veg	OK	95,6755	235,529	1,29969	-2,09084	0,0365423	0,14106	no
uapC	ChrI_A_nidulans_FGSC_A4:2999027-3000895	WT_5hasex	WT_veg	OK	84,3939	391,588	2,21413	-4,57909	4,67E-06	7,266E-05	yes
ubi1	ChrIII_A_nidulans_FGSC_A4:716806-717378	WT_5hasex	WT_veg	OK	3487,32	6856,06	0,975262	-1,49367	0,135261	0,354564	no
ubi4	ChrVII_A_nidulans_FGSC_A4:2514248-2515747	WT_5hasex	WT_veg	OK	5356,49	8927,99	0,737049	-0,733315	0,463366	0,72268	no
ugeA	ChrIII_A_nidulans_FGSC_A4:1167763-1169224	WT_5hasex	WT_veg	OK	317,816	280,753	-0,178892	0,347502	0,728214	0,884836	no
ugmA	ChrVI_A_nidulans_FGSC_A4:1789203-1791438	WT_5hasex	WT_veg	OK	237,285	271,791	0,195877	-0,378539	0,70503	0,87233	no
uncA	ChrIV_A_nidulans_FGSC_A4:1911469-1916437	WT_5hasex	WT_veg	OK	6,60514	10,3035	0,641477	-1,22475	0,220668	0,482157	no
uncB	ChrI_A_nidulans_FGSC_A4:3404302-3406890	WT_5hasex	WT_veg	OK	28,6885	49,3854	0,783609	-1,56589	0,117375	0,322773	no
ungA	ChrVI_A_nidulans_FGSC_A4:451574-453436	WT_5hasex	WT_veg	OK	163,849	221,033	0,431895	-0,854652	0,392744	0,665973	no
ureA	ChrVIII_A_nidulans_FGSC_A4:3607320-3609496	WT_5hasex	WT_veg	OK	53,3613	127,699	1,25888	-2,06927	0,0385207	0,146698	no
ureB	ChrVIII_A_nidulans_FGSC_A4:3571085-3574015	WT_5hasex	WT_veg	OK	98,7135	297,55	1,59181	-2,56908	0,0101969	0,0528993	no
ureD	ChrVIII_A_nidulans_FGSC_A4:4207496-4208506	WT_5hasex	WT_veg	OK	258,826	302,934	0,227019	-0,459778	0,645676	0,839041	no
urhA	ChrVI_A_nidulans_FGSC_A4:1515287-1516400	WT_5hasex	WT_veg	NOTEST	0,384176	3,70838	3,27095	-2,36186	0,0181837	1	no
urhB	ChrIV_A_nidulans_FGSC_A4:2797094-2798277	WT_5hasex	WT_veg	NOTEST	0,205623	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
urhC	ChrVIII_A_nidulans_FGSC_A4:469401-470630	WT_5hasex	WT_veg	OK	12,5964	8,10697	-0,635774	1,0078	0,313548	0,589628	no
usgS	ChrIII_A_nidulans_FGSC_A4:1616942-1618221	WT_5hasex	WT_veg	OK	26,4312	138,979	2,39455	-4,53128	5,8628E-06	8,9232E-05	yes
uvsB	ChrIV_A_nidulans_FGSC_A4:1419866-1428834	WT_5hasex	WT_veg	OK	11,3803	26,9811	1,24541	-2,52087	0,0117067	0,0589801	no
uvsC	ChrVIII_A_nidulans_FGSC_A4:1108553-1109991	WT_5hasex	WT_veg	OK	66,621	172,182	1,36989	-2,84231	0,00447885	0,0272479	yes
uvsD	ChrV_A_nidulans_FGSC_A4:1352681-1355112	WT_5hasex	WT_veg	OK	22,2266	123,427	2,4733	-4,90334	9,422E-07	1,7417E-05	yes
uvsF	ChrI_A_nidulans_FGSC_A4:610119-613889	WT_5hasex	WT_veg	OK	27,204	39,9826	0,555553	-1,15382	0,248572	0,516707	no
uvsH	ChrIV_A_nidulans_FGSC_A4:342205-345524	WT_5hasex	WT_veg	OK	22,1745	51,278	1,20944	-2,38658	0,0170059	0,0787716	no
uvsI	ChrIII_A_nidulans_FGSC_A4:987119-992111	WT_5hasex	WT_veg	OK	4,10232	5,38275	0,391902	-0,695498	0,486743	0,740507	no
uvsJ	ChrV_A_nidulans_FGSC_A4:3087593-3088496	WT_5hasex	WT_veg	OK	91,0636	165,163	0,858941	-1,77061	0,0766255	0,240468	no
vcxA	ChrVIII_A_nidulans_FGSC_A4:3454271-3456082	WT_5hasex	WT_veg	OK	75,4125	311,308	2,04547	-4,2222	2,4193E-05	0,00031567	yes
veA	ChrVIII_A_nidulans_FGSC_A4:1667030-1669644	WT_5hasex	WT_veg	OK	64,7807	169,326	1,38617	-2,61585	0,00890068	0,047535	yes
velB	ChrVIII_A_nidulans_FGSC_A4:3785693-3787657	WT_5hasex	WT_veg	OK	34,039	62,8209	0,884055	-1,8026	0,0714513	0,228793	no
velC	ChrVII_A_nidulans_FGSC_A4:2718525-2719428	WT_5hasex	WT_veg	OK	16,6973	43,0473	1,36631	-2,22217	0,0262718	0,109606	no
vmaA	ChrII_A_nidulans_FGSC_A4:523767-525489	WT_5hasex	WT_veg	OK	91,2095	110,929	0,282376	-0,585198	0,558415	0,787705	no
vmaB	ChrI_A_nidulans_FGSC_A4:816476-818621	WT_5hasex	WT_veg	OK	204,402	319,091	0,642561	-1,28548	0,198625	0,452556	no
vosA	ChrVII_A_nidulans_FGSC_A4:2387002-2388952	WT_5hasex	WT_veg	OK	10,1007	34,8081	1,78497	-2,94717	0,00320701	0,0206632	yes
vps11	ChrVII_A_nidulans_FGSC_A4:4012400-4015722	WT_5hasex	WT_veg	OK	40,3524	83,7603	1,05361	-2,19501	0,0281628	0,115482	no
vps16	ChrI_A_nidulans_FGSC_A4:3545724-3548506	WT_5hasex	WT_veg	OK	22,8173	34,2536	0,586127	-1,1817	0,237325	0,502742	no
vps19	ChrVI_A_nidulans_FGSC_A4:1683478-1686050	WT_5hasex	WT_veg	OK	20,0622	17,4869	-0,198202	0,393784	0,69374	0,865776	no
vps24	ChrI_A_nidulans_FGSC_A4:3576410-3577682	WT_5hasex	WT_veg	OK	70,9375	137,942	0,959444	-1,98649	0,0469794	0,169992	no
vps3	ChrVIII_A_nidulans_FGSC_A4:2539626-2543400	WT_5hasex	WT_veg	OK	20,7993	18,5195	-0,167493	0,3433	0,731373	0,886524	no
vps32	ChrII_A_nidulans_FGSC_A4:1644608-1645447	WT_5hasex	WT_veg	OK	102,225	373,898	1,87089	-3,8554	0,00011554	0,00124607	yes
vps34	ChrIII_A_nidulans_FGSC_A4:1216758-1219511	WT_5hasex	WT_veg	OK	18,6585	25,6952	0,461665	-0,900024	0,368108	0,64294	no
vps45	ChrI_A_nidulans_FGSC_A4:2387341-2389242	WT_5hasex	WT_veg	OK	20,2326	40,7405	1,00978	-1,95834	0,0501898	0,178031	no

Supplementary table 1

vps52	ChrII_A_nidulans_FGSC_A4:2335791-2338277	WT_5hasex	WT_veg	OK	41,0419	41,3093	0,00937204	-0,0192907	0,984609	0,994448	no
vps8	ChrVIII_A_nidulans_FGSC_A4:4160498-4165397	WT_5hasex	WT_veg	OK	15,2245	18,7623	0,301442	-0,621805	0,53407	0,772323	no
vpsA	ChrII_A_nidulans_FGSC_A4:526418-529323	WT_5hasex	WT_veg	OK	116,779	213,851	0,872818	-1,75045	0,0800415	0,247954	no
vpsT	ChrVII_A_nidulans_FGSC_A4:574035-578499	WT_5hasex	WT_veg	OK	38,6533	55,6518	0,525839	-0,99974	0,317436	0,593661	no
wA	ChrII_A_nidulans_FGSC_A4:1139654-1146473	WT_5hasex	WT_veg	NOTEST	1,38375	1,90912	0,46432	-0,692921	0,488359	1	no
wetA	ChrVII_A_nidulans_FGSC_A4:2312600-2314268	WT_5hasex	WT_veg	NOTEST	1,48367	2,90741	0,970562	-1,1	0,271331	1	no
wscA	ChrV_A_nidulans_FGSC_A4:2054212-2056161	WT_5hasex	WT_veg	OK	500,573	893,887	0,836512	-1,49004	0,136213	0,356175	no
wscB	ChrI_A_nidulans_FGSC_A4:3602817-3603482	WT_5hasex	WT_veg	OK	41,1441	92,0616	1,16191	-2,12493	0,0335922	0,132443	no
xanA	ChrVIII_A_nidulans_FGSC_A4:3401427-3402667	WT_5hasex	WT_veg	OK	53,9356	362,549	2,74886	-4,87556	1,085E-06	1,972E-05	yes
xgcA	ChrVII_A_nidulans_FGSC_A4:1111058-1113491	WT_5hasex	WT_veg	OK	8,81644	3,51484	-1,32674	2,19029	0,0285031	0,116503	no
xgeA	ChrVII_A_nidulans_FGSC_A4:3751879-3754062	WT_5hasex	WT_veg	OK	173,532	289,685	0,739282	-1,43992	0,149891	0,378719	no
xgeB	ChrIII_A_nidulans_FGSC_A4:116728-119739	WT_5hasex	WT_veg	NOTEST	0,0901313	0,552423	2,61567	-1,26339	0,20645	1	no
xghA	ChrVI_A_nidulans_FGSC_A4:866686-867953	WT_5hasex	WT_veg	NOTEST	0,177357	0	-1.79769e+308	-1.79769e+308	0,224063	1	no
xlnA	ChrII_A_nidulans_FGSC_A4:3600780-3601529	WT_5hasex	WT_veg	NOTEST	0,65699	0,255065	-1,36501	0,428564	0,66824	1	no
xlnB	ChrVIII_A_nidulans_FGSC_A4:416475-417187	WT_5hasex	WT_veg	OK	17,314	2,50636	-2,78827	2,80044	0,00510332	0,0302346	yes
xlnC	ChrVII_A_nidulans_FGSC_A4:1985908-1987661	WT_5hasex	WT_veg	OK	8,73851	6,99968	-0,320097	0,477932	0,632699	0,831924	no
xlnD	ChrVII_A_nidulans_FGSC_A4:3678455-3680867	WT_5hasex	WT_veg	OK	6,97612	3,03729	-1,19964	1,90926	0,0562281	0,192831	no
xlnE	ChrIV_A_nidulans_FGSC_A4:65998-67492	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
xlnR	ChrIV_A_nidulans_FGSC_A4:2136514-2139504	WT_5hasex	WT_veg	OK	8,69082	9,20225	0,082494	-0,149156	0,881431	0,954924	no
xprF	ChrVII_A_nidulans_FGSC_A4:3126723-3128644	WT_5hasex	WT_veg	OK	71,3199	57,8478	-0,302042	0,617451	0,536937	0,773675	no
xprG	ChrVII_A_nidulans_FGSC_A4:710127-712716	WT_5hasex	WT_veg	OK	43,1226	113,704	1,39876	-2,42117	0,0154706	0,0732001	no
xptA	ChrI_A_nidulans_FGSC_A4:3155576-3156969	WT_5hasex	WT_veg	NOTEST	0,712189	0	-1.79769e+308	-1.79769e+308	0,0399057	1	no
yA	ChrI_A_nidulans_FGSC_A4:2686882-2689030	WT_5hasex	WT_veg	OK	11,2656	47,3175	2,07045	-3,72036	0,00019894	0,00198401	yes
ygA	ChrII_A_nidulans_FGSC_A4:3558977-3562526	WT_5hasex	WT_veg	OK	18,7564	26,2806	0,486615	-1,00406	0,31535	0,59153	no
ypdA	ChrVII_A_nidulans_FGSC_A4:2534012-2535212	WT_5hasex	WT_veg	OK	205,086	702,907	1,77711	-3,57472	0,00035061	0,00321255	yes
zapA	ChrVIII_A_nidulans_FGSC_A4:1009239-1011207	WT_5hasex	WT_veg	OK	8,51513	13,0578	0,61681	-1,03947	0,298588	0,573997	no

Supplementary table 2

test_id	locus	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
aatB	ChrI_A_nidulans_FGSC_A4:3125436-3126746	WT_5hasex	WT_veg	OK	21,052	101,988	2,27637	-3,78972	0,000150815	0,00156094	yes
abaA	ChrVIII_A_nidulans_FGSC_A4:3598379-3600871	WT_5hasex	WT_veg	OK	1,53871	8,79403	2,5148	-3,45081	0,000558903	0,00478948	yes
abnC	ChrII_A_nidulans_FGSC_A4:483953-485961	WT_5hasex	WT_veg	OK	45,0572	3,39757	-3,72918	5,16787	2,36776E-07	5,05193E-06	yes
abnD	ChrVI_A_nidulans_FGSC_A4:2021730-2022857	WT_5hasex	WT_veg	OK	45,2567	185,856	2,03798	-4,11527	3,86725E-05	0,00047898	yes
abpA	ChrVII_A_nidulans_FGSC_A4:598592-601226	WT_5hasex	WT_veg	OK	124,541	349,933	1,49046	-2,95558	0,00312086	0,0202076	yes
accA	ChrI_A_nidulans_FGSC_A4:1174373-1181649	WT_5hasex	WT_veg	OK	81,2612	284,517	1,80788	-3,17357	0,00150579	0,0110297	yes
aciA	ChrI_A_nidulans_FGSC_A4:2370052-2371883	WT_5hasex	WT_veg	OK	614,163	126,051	-2,28461	4,11703	0,000038379	0,000475671	yes
aclA	ChrVII_A_nidulans_FGSC_A4:3944250-3946168	WT_5hasex	WT_veg	OK	365,676	1252,41	1,77607	-3,12951	0,001751	0,0125093	yes
aclB	ChrVII_A_nidulans_FGSC_A4:3947632-3950242	WT_5hasex	WT_veg	OK	233,491	1162,8	2,31616	-4,15109	3,30893E-05	0,000418044	yes
acuE	ChrI_A_nidulans_FGSC_A4:2741919-2743963	WT_5hasex	WT_veg	OK	180,656	747,546	2,04892	-3,76848	0,000164246	0,00168201	yes
acuF	ChrVII_A_nidulans_FGSC_A4:2254709-2257396	WT_5hasex	WT_veg	OK	96,3821	993,04	3,36502	-6,5792	4,72997E-11	2,04336E-09	yes
acuG	ChrV_A_nidulans_FGSC_A4:2254173-2255661	WT_5hasex	WT_veg	OK	152,968	800,672	2,38798	-4,72889	2,2575E-06	3,82566E-05	yes
acuK	ChrIV_A_nidulans_FGSC_A4:1633968-1636138	WT_5hasex	WT_veg	OK	41,4066	108,693	1,39232	-2,89153	0,00383376	0,0239648	yes
agaA	ChrVI_A_nidulans_FGSC_A4:2453810-2455322	WT_5hasex	WT_veg	OK	181,367	744,513	2,03738	-4,07907	4,52153E-05	0,000548847	yes
agdE	ChrVIII_A_nidulans_FGSC_A4:2006879-2009840	WT_5hasex	WT_veg	OK	15,479	3,62821	-2,09298	3,21808	0,00129054	0,00969144	yes
agnC	ChrVII_A_nidulans_FGSC_A4:55370-57647	WT_5hasex	WT_veg	OK	4,19425	0	-1.79769e+308	-1.79769e+308	0,00826448	0,0447623	yes
agsA	ChrI_A_nidulans_FGSC_A4:1910172-1918091	WT_5hasex	WT_veg	OK	21,7224	3,75727	-2,53143	3,89095	0,000099852	0,00109414	yes
agsB	ChrVI_A_nidulans_FGSC_A4:1170030-1177766	WT_5hasex	WT_veg	OK	58,5105	159,754	1,44909	-2,63959	0,00830052	0,044874	yes
ahbB	ChrV_A_nidulans_FGSC_A4:1262159-1264052	WT_5hasex	WT_veg	OK	12,2227	42,0629	1,78299	-3,24559	0,00117209	0,00895464	yes
aifA	ChrVI_A_nidulans_FGSC_A4:424963-426939	WT_5hasex	WT_veg	OK	102,194	405,263	1,98755	-3,92299	8,74585E-05	0,000976769	yes
alcC	ChrVII_A_nidulans_FGSC_A4:3445133-3446641	WT_5hasex	WT_veg	OK	3863,4	456,66	-3,08068	3,91491	9,04364E-05	0,00100574	yes
alcU	ChrVII_A_nidulans_FGSC_A4:225289-226718	WT_5hasex	WT_veg	OK	174,809	2663,78	3,92962	-5,62358	1,87044E-08	5,10228E-07	yes
amc-1	ChrVII_A_nidulans_FGSC_A4:571099-572825	WT_5hasex	WT_veg	OK	48,1902	172,546	1,84017	-3,83048	0,000127891	0,00136048	yes
ampB	ChrIII_A_nidulans_FGSC_A4:2656967-2657908	WT_5hasex	WT_veg	OK	190,447	761,015	1,99853	-4,10965	3,96256E-05	0,000488924	yes
amyG	ChrVI_A_nidulans_FGSC_A4:1162612-1164648	WT_5hasex	WT_veg	OK	23,5236	81,1476	1,78644	-3,53343	0,0004102	0,00367379	yes
AN0011	ChrVIII_A_nidulans_FGSC_A4:4894569-4896034	WT_5hasex	WT_veg	OK	7,22562	24,6974	1,77317	-2,71284	0,00667091	0,0376894	yes
AN0018	ChrVIII_A_nidulans_FGSC_A4:4846513-4848316	WT_5hasex	WT_veg	OK	0,378118	4,34483	3,52239	-3,55318	0,0003806	0,003444	yes
AN0030	ChrVIII_A_nidulans_FGSC_A4:4814161-4815730	WT_5hasex	WT_veg	OK	0,803964	5,33271	2,72967	-2,95251	0,00315199	0,0203713	yes
AN0031	ChrVIII_A_nidulans_FGSC_A4:4812355-4813933	WT_5hasex	WT_veg	OK	10,0029	43,0269	2,10482	-3,42087	0,000624205	0,00526216	yes
AN0034	ChrVIII_A_nidulans_FGSC_A4:4806822-4808836	WT_5hasex	WT_veg	OK	20,0647	120,449	2,58569	-4,50206	6,72984E-06	0,00010099	yes
AN0043	ChrVIII_A_nidulans_FGSC_A4:4770368-4771612	WT_5hasex	WT_veg	OK	19,5101	67,4958	1,79058	-3,26871	0,0010804	0,00837381	yes
AN0045	ChrVIII_A_nidulans_FGSC_A4:4764731-4766336	WT_5hasex	WT_veg	OK	675,819	9831,42	3,86269	-4,75356	1,99864E-06	3,43725E-05	yes
AN0056	ChrVIII_A_nidulans_FGSC_A4:4733546-4735434	WT_5hasex	WT_veg	OK	37,4486	338,174	3,17478	-6,04296	1,51312E-09	5,1454E-08	yes
AN0061	ChrVIII_A_nidulans_FGSC_A4:4717762-4719633	WT_5hasex	WT_veg	OK	139,293	868,528	2,64045	-5,23258	1,67157E-07	3,68816E-06	yes
AN0072	ChrVIII_A_nidulans_FGSC_A4:4695138-4696366	WT_5hasex	WT_veg	OK	22,0221	74,7037	1,76223	-3,25343	0,00114019	0,00874792	yes
AN0073	ChrVIII_A_nidulans_FGSC_A4:4691012-4694821	WT_5hasex	WT_veg	OK	20,5025	55,4868	1,43634	-2,80295	0,00506382	0,030046	yes
AN0074	ChrVIII_A_nidulans_FGSC_A4:4691012-4694821	WT_5hasex	WT_veg	OK	37,3422	128,411	1,78189	-3,6273	0,000286402	0,00271295	yes
AN0091	ChrVIII_A_nidulans_FGSC_A4:4646137-4647700	WT_5hasex	WT_veg	OK	46,6989	129,512	1,47162	-2,83594	0,00456916	0,0276701	yes
AN0092	ChrVIII_A_nidulans_FGSC_A4:4643142-4645797	WT_5hasex	WT_veg	OK	19,4711	153,003	2,97415	-6,00695	1,89042E-09	6,2539E-08	yes
AN0097	ChrVIII_A_nidulans_FGSC_A4:4624823-4628267	WT_5hasex	WT_veg	OK	20,4623	87,5354	2,0969	-4,24036	0,000022316	0,000293852	yes
AN0104	ChrVIII_A_nidulans_FGSC_A4:4600677-4602038	WT_5hasex	WT_veg	OK	21,3309	61,2924	1,52276	-2,80619	0,00501309	0,0297875	yes
AN0105	ChrVIII_A_nidulans_FGSC_A4:4600078-4600539	WT_5hasex	WT_veg	OK	26,325	98,0764	1,89747	-3,05222	0,00227159	0,0155217	yes
AN0116	ChrVIII_A_nidulans_FGSC_A4:4555075-4555635	WT_5hasex	WT_veg	OK	125,324	442,262	1,81924	-3,66342	0,000248871	0,00240526	yes
AN0117	ChrVIII_A_nidulans_FGSC_A4:4553065-4554620	WT_5hasex	WT_veg	OK	250,162	647,402	1,3718	-2,67947	0,00737385	0,0408202	yes

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AN0124	ChrVIII_A_nidulans_FGSC_A4:4525021-4526381	WT_5hasex	WT_veg	OK	25,3654	102,987	2,02153	-3,88085	0,000104091	0,0011359	yes
AN0133	ChrVIII_A_nidulans_FGSC_A4:4495378-4497825	WT_5hasex	WT_veg	OK	21,8452	77,0364	1,81822	-3,70008	0,000215534	0,00212352	yes
AN0141	ChrVIII_A_nidulans_FGSC_A4:4472157-4473886	WT_5hasex	WT_veg	OK	6,49559	43,402	2,74023	-4,43937	9,02218E-06	0,000131364	yes
AN0142	ChrVIII_A_nidulans_FGSC_A4:4470456-4471892	WT_5hasex	WT_veg	OK	63,9716	175,553	1,4564	-2,98794	0,00280867	0,0184973	yes
AN0159	ChrVIII_A_nidulans_FGSC_A4:4415377-4418385	WT_5hasex	WT_veg	OK	27,4542	5,3969	-2,34682	4,31565	1,59135E-05	0,000218699	yes
AN0166	ChrVIII_A_nidulans_FGSC_A4:4398520-4400860	WT_5hasex	WT_veg	OK	46,5301	130,734	1,49039	-3,08685	0,0020229	0,0141075	yes
AN0168	ChrVIII_A_nidulans_FGSC_A4:4389598-4391884	WT_5hasex	WT_veg	OK	34,3498	150,528	2,13166	-4,48595	7,25902E-06	0,000108372	yes
AN0169	ChrVIII_A_nidulans_FGSC_A4:4388862-4389376	WT_5hasex	WT_veg	OK	21,3046	67,1501	1,65623	-2,6619	0,00777013	0,0425821	yes
AN0190	ChrVIII_A_nidulans_FGSC_A4:4332493-4333752	WT_5hasex	WT_veg	OK	31,6422	98,7533	1,64198	-3,22339	0,00126683	0,00954217	yes
AN0191	ChrVIII_A_nidulans_FGSC_A4:4330732-4332028	WT_5hasex	WT_veg	OK	23,9158	75,6384	1,66116	-3,14007	0,00168909	0,0121249	yes
AN0192	ChrVIII_A_nidulans_FGSC_A4:4329818-4330600	WT_5hasex	WT_veg	OK	51,3463	243,073	2,24306	-4,29431	1,75236E-05	0,000238017	yes
AN0201	ChrVIII_A_nidulans_FGSC_A4:4308613-4310437	WT_5hasex	WT_veg	OK	17,2229	45,3373	1,39637	-2,61188	0,00900458	0,0479921	yes
AN0204	ChrVIII_A_nidulans_FGSC_A4:4301514-4303917	WT_5hasex	WT_veg	OK	9,00422	51,9585	2,52869	-4,49786	6,86408E-06	0,000102857	yes
AN0212	ChrVIII_A_nidulans_FGSC_A4:4280935-4281941	WT_5hasex	WT_veg	OK	33,6675	109,048	1,69554	-3,1727	0,00151028	0,0110595	yes
AN0225	ChrVIII_A_nidulans_FGSC_A4:4230367-4235423	WT_5hasex	WT_veg	OK	23,1445	72,9605	1,65645	-3,45502	0,000550262	0,0047278	yes
AN0226	ChrVIII_A_nidulans_FGSC_A4:4228256-4229177	WT_5hasex	WT_veg	OK	89,6508	293,139	1,7092	-3,43358	0,000595668	0,00505657	yes
AN0228	ChrVIII_A_nidulans_FGSC_A4:4222215-4225138	WT_5hasex	WT_veg	OK	12,8247	43,6048	1,76556	-3,47632	0,000508341	0,00441393	yes
AN0234	ChrVIII_A_nidulans_FGSC_A4:4203460-4204306	WT_5hasex	WT_veg	OK	84,2773	279,807	1,73122	-3,5131	0,000442917	0,00392536	yes
AN0235	ChrVIII_A_nidulans_FGSC_A4:4199252-4202788	WT_5hasex	WT_veg	OK	40,1068	98,3653	1,2943	-2,71175	0,00669282	0,0377928	yes
AN0237	ChrVIII_A_nidulans_FGSC_A4:4189862-4193486	WT_5hasex	WT_veg	OK	8,78513	36,9163	2,07112	-3,95704	7,58828E-05	0,000862562	yes
AN0247	ChrVIII_A_nidulans_FGSC_A4:4149129-4152416	WT_5hasex	WT_veg	OK	10,6116	78,4419	2,88599	-5,50311	3,73148E-08	9,53375E-07	yes
AN0266	ChrVIII_A_nidulans_FGSC_A4:4099285-4100921	WT_5hasex	WT_veg	OK	19,5038	52,1494	1,41889	-2,72964	0,0063404	0,0361652	yes
AN0282	ChrVIII_A_nidulans_FGSC_A4:4044394-4045858	WT_5hasex	WT_veg	OK	32,7198	94,5121	1,53034	-2,79029	0,00526609	0,0310025	yes
AN0285	ChrVIII_A_nidulans_FGSC_A4:4025978-4027015	WT_5hasex	WT_veg	OK	286,488	1491,17	2,37989	-4,6183	3,86906E-06	6,14569E-05	yes
AN0288	ChrVIII_A_nidulans_FGSC_A4:4015251-4017084	WT_5hasex	WT_veg	OK	10,4511	45,6234	2,12612	-3,73972	0,000184223	0,00185683	yes
AN0299	ChrVIII_A_nidulans_FGSC_A4:3981050-3982374	WT_5hasex	WT_veg	OK	65,8482	169,228	1,36175	-2,80955	0,00496112	0,0295457	yes
AN0301	ChrVIII_A_nidulans_FGSC_A4:3976965-3978731	WT_5hasex	WT_veg	OK	12,7807	45,3334	1,8266	-2,91797	0,00352316	0,022381	yes
AN0303	ChrVIII_A_nidulans_FGSC_A4:3969059-3970677	WT_5hasex	WT_veg	OK	55,2882	185,664	1,74765	-3,63909	0,000273608	0,00260683	yes
AN0305	ChrVIII_A_nidulans_FGSC_A4:3962931-3966089	WT_5hasex	WT_veg	OK	10,7729	82,4003	2,93524	-5,50384	3,71597E-08	9,50337E-07	yes
AN0310	ChrVIII_A_nidulans_FGSC_A4:3949555-3951547	WT_5hasex	WT_veg	OK	22,1435	123,315	2,4774	-4,65667	3,21361E-06	5,23143E-05	yes
AN0311	ChrVIII_A_nidulans_FGSC_A4:3946543-3947810	WT_5hasex	WT_veg	OK	100,733	258,347	1,35877	-2,77679	0,00548979	0,0320709	yes
AN0312	ChrVIII_A_nidulans_FGSC_A4:3943598-3945737	WT_5hasex	WT_veg	OK	5,51483	27,6181	2,32422	-3,8186	0,000134212	0,00141851	yes
AN0313	ChrVIII_A_nidulans_FGSC_A4:3942168-3943182	WT_5hasex	WT_veg	OK	78,7692	313,648	1,99344	-4,15311	3,27981E-05	0,000415041	yes
AN0314	ChrVIII_A_nidulans_FGSC_A4:3938171-3941353	WT_5hasex	WT_veg	OK	338,739	2309,73	2,76948	-3,92574	8,64633E-05	0,000966891	yes
AN0319	ChrVIII_A_nidulans_FGSC_A4:3923088-3925485	WT_5hasex	WT_veg	OK	11,4261	45,9541	2,00786	-3,47712	0,000506828	0,00440298	yes
AN0321	ChrVIII_A_nidulans_FGSC_A4:3901628-3905409	WT_5hasex	WT_veg	OK	11,981	35,6847	1,57455	-3,14798	0,00164403	0,0118616	yes
AN0323	ChrVIII_A_nidulans_FGSC_A4:3898899-3899960	WT_5hasex	WT_veg	OK	60,6808	203,796	1,74781	-3,46748	0,000525356	0,00453986	yes
AN0325	ChrVIII_A_nidulans_FGSC_A4:3890088-3894012	WT_5hasex	WT_veg	OK	23,6234	69,0918	1,5483	-2,92514	0,00344301	0,021957	yes
AN0326	ChrVIII_A_nidulans_FGSC_A4:3890088-3894012	WT_5hasex	WT_veg	OK	14,0714	42,485	1,59419	-2,97387	0,00294068	0,0192285	yes
AN0328	ChrVIII_A_nidulans_FGSC_A4:3886727-3888074	WT_5hasex	WT_veg	OK	43,7188	117,308	1,42397	-2,91703	0,00353384	0,0224352	yes
AN0329	ChrVIII_A_nidulans_FGSC_A4:3883942-3886265	WT_5hasex	WT_veg	OK	57,3882	166,439	1,53617	-3,1504	0,00163048	0,0117784	yes
AN0330	ChrVIII_A_nidulans_FGSC_A4:3882099-3883407	WT_5hasex	WT_veg	OK	48,9924	152,751	1,64055	-3,19563	0,00139525	0,0103356	yes
AN0334	ChrVIII_A_nidulans_FGSC_A4:3872115-3874109	WT_5hasex	WT_veg	OK	63,4472	161,794	1,35053	-2,78713	0,00531774	0,0312539	yes
AN0337	ChrVIII_A_nidulans_FGSC_A4:3865628-3866981	WT_5hasex	WT_veg	OK	21,06	284,7	3,75687	-7,00248	2,51466E-12	1,31905E-10	yes
AN0346	ChrVIII_A_nidulans_FGSC_A4:3839847-3841103	WT_5hasex	WT_veg	OK	28,2992	131,193	2,21286	-4,13952	3,48032E-05	0,000436723	yes
AN0353	ChrVIII_A_nidulans_FGSC_A4:3815815-3818095	WT_5hasex	WT_veg	OK	19,7507	81,7995	2,05019	-4,08313	4,44322E-05	0,000540865	yes

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AN0366	ChrVIII_A_nidulans_FGSC_A4:3775681-3776546	WT_5hasex	WT_veg	OK	17,9226	0	-1.79769e+308	-1.79769e+308	0,00594016	0,0342062	yes
AN0400	ChrVIII_A_nidulans_FGSC_A4:3676255-3676777	WT_5hasex	WT_veg	OK	135,747	1117,16	3,04084	-5,97052	2,36497E-09	7,72144E-08	yes
AN0403	ChrVIII_A_nidulans_FGSC_A4:3669246-3670798	WT_5hasex	WT_veg	OK	14,2118	1,49696	-3,24698	3,61827	0,000296583	0,00279474	yes
AN0406	ChrVIII_A_nidulans_FGSC_A4:3661136-3663393	WT_5hasex	WT_veg	OK	60,9767	199,746	1,71184	-3,56915	0,000358143	0,00327301	yes
AN0412	ChrVIII_A_nidulans_FGSC_A4:3634663-3637647	WT_5hasex	WT_veg	OK	46,7685	170,867	1,86926	-3,80333	0,000142765	0,00149091	yes
AN0419	ChrVIII_A_nidulans_FGSC_A4:3606055-3607057	WT_5hasex	WT_veg	OK	27,7931	92,0331	1,72743	-2,84677	0,00441659	0,0269427	yes
AN0421	ChrVIII_A_nidulans_FGSC_A4:3601504-3604618	WT_5hasex	WT_veg	OK	15,853	193,232	3,60751	-7,06297	1,62981E-12	8,80466E-11	yes
AN0427	ChrVIII_A_nidulans_FGSC_A4:3581983-3583208	WT_5hasex	WT_veg	OK	55,8119	431,18	2,94965	-5,95478	2,60421E-09	8,43422E-08	yes
AN0430	ChrVIII_A_nidulans_FGSC_A4:3575731-3578524	WT_5hasex	WT_veg	OK	44,5768	142,793	1,67956	-3,42378	0,000617573	0,00521548	yes
AN0432	ChrVIII_A_nidulans_FGSC_A4:3566598-3567965	WT_5hasex	WT_veg	OK	143,123	498,97	1,8017	-3,70876	0,000208275	0,00206471	yes
AN0435	ChrVIII_A_nidulans_FGSC_A4:3560344-3561389	WT_5hasex	WT_veg	OK	8,41657	36,5205	2,1174	-3,15166	0,00162346	0,011739	yes
AN0441	ChrVIII_A_nidulans_FGSC_A4:3543448-3545064	WT_5hasex	WT_veg	OK	8,60152	42,2174	2,29517	-3,71477	0,00020339	0,00202355	yes
AN0443	ChrVIII_A_nidulans_FGSC_A4:3540038-3542056	WT_5hasex	WT_veg	OK	200,538	617,507	1,62258	-3,20168	0,00136629	0,010157	yes
AN0447	ChrVIII_A_nidulans_FGSC_A4:3523007-3524202	WT_5hasex	WT_veg	OK	202,295	1039,2	2,36093	-4,73832	2,15501E-06	3,67594E-05	yes
AN0454	ChrVIII_A_nidulans_FGSC_A4:3503738-3505709	WT_5hasex	WT_veg	OK	73,1788	248,128	1,76159	-3,67119	0,000241427	0,00234239	yes
AN0461	ChrVIII_A_nidulans_FGSC_A4:3486754-3488163	WT_5hasex	WT_veg	OK	20,0058	183,773	3,19444	-5,85192	4,85921E-09	1,49872E-07	yes
AN0463	ChrVIII_A_nidulans_FGSC_A4:3473688-3480087	WT_5hasex	WT_veg	OK	9,31472	27,4318	1,55826	-3,08185	0,00205718	0,0143018	yes
AN0467	ChrVIII_A_nidulans_FGSC_A4:3467586-3468676	WT_5hasex	WT_veg	OK	625,405	4190,98	2,74443	-4,89406	9,87754E-07	0,000018098	yes
AN0468	ChrVIII_A_nidulans_FGSC_A4:3465653-3467230	WT_5hasex	WT_veg	OK	922,867	4892,55	2,40639	-3,40961	0,000650566	0,00544497	yes
AN0475	ChrVIII_A_nidulans_FGSC_A4:3440720-3443741	WT_5hasex	WT_veg	OK	13,2093	98,3796	2,8968	-5,74547	9,16641E-09	2,67598E-07	yes
AN0476	ChrVIII_A_nidulans_FGSC_A4:3439620-3440482	WT_5hasex	WT_veg	OK	110,476	276,703	1,32461	-2,6735	0,00750636	0,0414269	yes
AN0480	ChrVIII_A_nidulans_FGSC_A4:3428061-3429750	WT_5hasex	WT_veg	OK	32,2016	85,8559	1,41478	-2,65096	0,00802645	0,0437216	yes
AN0481	ChrVIII_A_nidulans_FGSC_A4:3422774-3426907	WT_5hasex	WT_veg	OK	5,38253	18,1022	1,74981	-2,951	0,0031675	0,0204514	yes
AN0482	ChrVIII_A_nidulans_FGSC_A4:3418485-3421943	WT_5hasex	WT_veg	OK	8,4762	34,8416	2,03932	-3,86966	0,000108986	0,00118364	yes
AN0490	ChrVIII_A_nidulans_FGSC_A4:3392764-3395028	WT_5hasex	WT_veg	OK	101,776	282,243	1,47154	-2,83808	0,00453865	0,0275335	yes
AN0493	ChrVIII_A_nidulans_FGSC_A4:3382781-3383500	WT_5hasex	WT_veg	OK	89,619	21,8907	-2,03349	3,24985	0,00115467	0,00883908	yes
AN0502	ChrVIII_A_nidulans_FGSC_A4:3352591-3355320	WT_5hasex	WT_veg	OK	19,1902	48,3624	1,33351	-2,62619	0,00863476	0,0463794	yes
AN0506	ChrVIII_A_nidulans_FGSC_A4:3343787-3344779	WT_5hasex	WT_veg	OK	12,8094	41,327	1,68988	-2,82262	0,00476334	0,0286314	yes
AN0512	ChrVIII_A_nidulans_FGSC_A4:3321664-3322719	WT_5hasex	WT_veg	OK	1,16767	9,20691	2,97909	-3,27412	0,00105991	0,00824055	yes
AN0531	ChrVIII_A_nidulans_FGSC_A4:3268048-3268535	WT_5hasex	WT_veg	OK	30,1217	3,79743	-2,98771	2,92655	0,0034275	0,021874	yes
AN0539	ChrVIII_A_nidulans_FGSC_A4:3247158-3251399	WT_5hasex	WT_veg	OK	0,923409	16,8231	4,18733	-5,2952	1,18887E-07	2,71574E-06	yes
AN0557	ChrVIII_A_nidulans_FGSC_A4:3176774-3180378	WT_5hasex	WT_veg	OK	62,9389	163,772	1,37966	-2,78861	0,0052934	0,0311353	yes
AN0566	ChrVIII_A_nidulans_FGSC_A4:3148614-3151952	WT_5hasex	WT_veg	OK	21,2956	168,597	2,98495	-5,95499	2,60089E-09	8,42868E-08	yes
AN0572	ChrVIII_A_nidulans_FGSC_A4:3132646-3134713	WT_5hasex	WT_veg	OK	2,6948	20,8911	2,95464	-4,32688	1,51234E-05	0,000208607	yes
AN0583	ChrVIII_A_nidulans_FGSC_A4:3097636-3100523	WT_5hasex	WT_veg	OK	7,80146	58,472	2,90593	-5,28688	1,24419E-07	2,82733E-06	yes
AN0587	ChrVIII_A_nidulans_FGSC_A4:3070633-3072703	WT_5hasex	WT_veg	OK	12,1554	0,935818	-3,69923	3,9152	9,03308E-05	0,00100491	yes
AN0589	ChrVIII_A_nidulans_FGSC_A4:3063549-3066087	WT_5hasex	WT_veg	OK	8,3381	59,5824	2,8371	-5,11343	3,16364E-07	6,59169E-06	yes
AN0591	ChrVIII_A_nidulans_FGSC_A4:3060919-3061756	WT_5hasex	WT_veg	OK	28,9748	80,5917	1,47583	-2,68096	0,00734113	0,0406864	yes
AN0599	ChrVIII_A_nidulans_FGSC_A4:3032484-3033859	WT_5hasex	WT_veg	OK	14,1017	62,5218	2,14849	-3,75027	0,000176646	0,00179253	yes
AN0600	ChrVIII_A_nidulans_FGSC_A4:3031138-3032055	WT_5hasex	WT_veg	OK	175,062	613,512	1,80922	-3,64192	0,000270617	0,00258492	yes
AN0601	ChrVIII_A_nidulans_FGSC_A4:3028032-3029889	WT_5hasex	WT_veg	OK	23,2693	156,664	2,75117	-5,51758	3,43694E-08	8,86333E-07	yes
AN0609	ChrVIII_A_nidulans_FGSC_A4:2994581-2996615	WT_5hasex	WT_veg	OK	13,7727	1,01079	-3,76826	4,2338	0,000022977	0,000301463	yes
AN0620	ChrVIII_A_nidulans_FGSC_A4:2968350-2969543	WT_5hasex	WT_veg	OK	13,909	76,1439	2,45271	-4,13788	3,50523E-05	0,000439429	yes
AN0637	ChrVIII_A_nidulans_FGSC_A4:2927088-2929650	WT_5hasex	WT_veg	OK	8,70645	34,3507	1,98018	-3,61612	0,000299048	0,00281291	yes
AN0644	ChrVIII_A_nidulans_FGSC_A4:2910456-2912158	WT_5hasex	WT_veg	OK	111,694	510,266	2,1917	-4,30359	0,000016805	0,000229566	yes
AN0647	ChrVIII_A_nidulans_FGSC_A4:2903522-2903957	WT_5hasex	WT_veg	OK	26,8226	165,878	2,6286	-4,06334	0,000048376	0,000581956	yes

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AN0654	ChrVIII_A_nidulans_FGSC_A4:2878590-2879983	WT_5hasex	WT_veg	OK	55,0023	181,702	1,72401	-3,46045	0,000539282	0,00464031	yes
AN0664	ChrVIII_A_nidulans_FGSC_A4:2843545-2846971	WT_5hasex	WT_veg	OK	14,0808	44,1467	1,64858	-3,19292	0,0014084	0,0104182	yes
AN0666	ChrVIII_A_nidulans_FGSC_A4:2839911-2841218	WT_5hasex	WT_veg	OK	2,54781	10,3035	2,01581	-2,61003	0,00905338	0,048164	yes
AN0691	ChrVIII_A_nidulans_FGSC_A4:2777210-2777733	WT_5hasex	WT_veg	OK	7,30136	47,5352	2,70276	-3,85377	0,000116313	0,00125387	yes
AN0693	ChrVIII_A_nidulans_FGSC_A4:2773753-2774363	WT_5hasex	WT_veg	OK	526,073	4465,47	3,08548	-5,88166	4,06161E-09	1,27295E-07	yes
AN0694	ChrVIII_A_nidulans_FGSC_A4:2772139-2773030	WT_5hasex	WT_veg	OK	93,0768	1366,23	3,87564	-7,91627	2,44249E-15	1,93633E-13	yes
AN0695	ChrVIII_A_nidulans_FGSC_A4:2770857-2771951	WT_5hasex	WT_veg	OK	130,223	733,173	2,49317	-4,97524	6,51677E-07	1,25449E-05	yes
AN0707	ChrVIII_A_nidulans_FGSC_A4:2726984-2730491	WT_5hasex	WT_veg	OK	20,0129	72,0687	1,84844	-3,82449	0,000131041	0,00139061	yes
AN0709	ChrVIII_A_nidulans_FGSC_A4:2717224-2720466	WT_5hasex	WT_veg	OK	483,417	2423,28	2,32562	-3,08242	0,00205328	0,0142857	yes
AN0714	ChrVIII_A_nidulans_FGSC_A4:2694618-2695592	WT_5hasex	WT_veg	OK	15,1698	78,4379	2,37035	-4,01422	0,000059643	0,000699197	yes
AN0716	ChrVIII_A_nidulans_FGSC_A4:2689719-2691346	WT_5hasex	WT_veg	OK	39,3429	102,93	1,38748	-2,85237	0,00433948	0,0265403	yes
AN0723	ChrVIII_A_nidulans_FGSC_A4:2676065-2677290	WT_5hasex	WT_veg	OK	54,0524	297,586	2,46087	-5,067	4,04137E-07	8,18575E-06	yes
AN0727	ChrVIII_A_nidulans_FGSC_A4:2646896-2648651	WT_5hasex	WT_veg	OK	15,1564	54,6392	1,85001	-3,43349	0,000595855	0,00505733	yes
AN0728	ChrVIII_A_nidulans_FGSC_A4:2644618-2646661	WT_5hasex	WT_veg	OK	4,70896	46,3828	3,30011	-5,28438	1,26135E-07	2,85887E-06	yes
AN0732	ChrVIII_A_nidulans_FGSC_A4:2633802-2636302	WT_5hasex	WT_veg	OK	106,055	463,432	2,12754	-3,59841	0,000320165	0,00297839	yes
AN0740	ChrVIII_A_nidulans_FGSC_A4:2613728-2615290	WT_5hasex	WT_veg	OK	10,3836	37,0529	1,83528	-3,07854	0,00208017	0,0144378	yes
AN0745	ChrVIII_A_nidulans_FGSC_A4:2596593-2598191	WT_5hasex	WT_veg	OK	144,838	587,815	2,02092	-3,90085	9,58556E-05	0,00105659	yes
AN0752	ChrVIII_A_nidulans_FGSC_A4:2569278-2570481	WT_5hasex	WT_veg	OK	44,6402	168,978	1,92042	-3,82187	0,000132444	0,00140322	yes
AN0754	ChrVIII_A_nidulans_FGSC_A4:2565702-2566698	WT_5hasex	WT_veg	OK	104,323	286,654	1,45825	-3,04682	0,00231275	0,0157495	yes
AN0757	ChrVIII_A_nidulans_FGSC_A4:2557204-2560431	WT_5hasex	WT_veg	OK	28,9526	83,6981	1,5315	-3,07202	0,00212618	0,0147006	yes
AN0766	ChrVIII_A_nidulans_FGSC_A4:2532772-2535188	WT_5hasex	WT_veg	OK	15,8487	59,0998	1,89879	-3,76622	0,000165738	0,0016953	yes
AN0777	ChrVIII_A_nidulans_FGSC_A4:2498627-2500524	WT_5hasex	WT_veg	OK	22,7538	106,396	2,22526	-4,38043	1,18443E-05	0,000166711	yes
AN0789	ChrVIII_A_nidulans_FGSC_A4:2464383-2467949	WT_5hasex	WT_veg	OK	138,44	647,016	2,22454	-4,19245	2,75955E-05	0,000355646	yes
AN0790	ChrVIII_A_nidulans_FGSC_A4:2464383-2467949	WT_5hasex	WT_veg	OK	160,517	690,935	2,10583	-3,99463	6,47964E-05	0,000751541	yes
AN0791	ChrVIII_A_nidulans_FGSC_A4:2463540-2464148	WT_5hasex	WT_veg	OK	249,44	2152,34	3,10914	-6,24997	4,10523E-10	1,54764E-08	yes
AN0796	ChrVIII_A_nidulans_FGSC_A4:2454651-2455576	WT_5hasex	WT_veg	OK	10,1893	96,4726	3,24306	-5,06553	4,07255E-07	8,23341E-06	yes
AN0798	ChrVIII_A_nidulans_FGSC_A4:2448562-2449638	WT_5hasex	WT_veg	OK	25,1667	82,9574	1,72085	-3,05227	0,00227115	0,0155216	yes
AN0805	ChrVIII_A_nidulans_FGSC_A4:2429575-2430406	WT_5hasex	WT_veg	OK	5,82727	46,7534	3,00418	-4,3028	1,68649E-05	0,000230265	yes
AN0815	ChrVIII_A_nidulans_FGSC_A4:2395679-2396581	WT_5hasex	WT_veg	OK	9,80269	35,053	1,83829	-2,79504	0,00518933	0,0306367	yes
AN0818	ChrVIII_A_nidulans_FGSC_A4:2385109-2387450	WT_5hasex	WT_veg	OK	19,3071	54,7736	1,50435	-2,98376	0,00284733	0,0187068	yes
AN0819	ChrVIII_A_nidulans_FGSC_A4:2383855-2384913	WT_5hasex	WT_veg	OK	386,884	1862,96	2,26762	-4,36584	1,26637E-05	0,000177197	yes
AN0820	ChrVIII_A_nidulans_FGSC_A4:2380545-2381111	WT_5hasex	WT_veg	OK	274,686	90,5326	-1,60127	2,84166	0,00448795	0,0272859	yes
AN0823	ChrVIII_A_nidulans_FGSC_A4:2364825-2366631	WT_5hasex	WT_veg	OK	57,8952	180,502	1,6405	-3,29962	0,000968175	0,00763956	yes
AN0831	ChrVIII_A_nidulans_FGSC_A4:2343389-2345370	WT_5hasex	WT_veg	OK	140,684	395,777	1,49223	-2,99327	0,00276008	0,0182342	yes
AN0832	ChrVIII_A_nidulans_FGSC_A4:2340882-2342967	WT_5hasex	WT_veg	OK	89,3783	282,733	1,66144	-3,41981	0,000626647	0,00527899	yes
AN0844	ChrVIII_A_nidulans_FGSC_A4:2294739-2297209	WT_5hasex	WT_veg	OK	11,9159	73,0898	2,61678	-4,9062	9,28602E-07	1,72128E-05	yes
AN0859	ChrVIII_A_nidulans_FGSC_A4:2251416-2252421	WT_5hasex	WT_veg	OK	61,4261	154,744	1,33296	-2,76449	0,00570111	0,0331098	yes
AN0860	ChrVIII_A_nidulans_FGSC_A4:2247362-2249672	WT_5hasex	WT_veg	OK	1088,98	5656,49	2,37693	-2,68324	0,0072912	0,040461	yes
AN0866	ChrVIII_A_nidulans_FGSC_A4:2229876-2232313	WT_5hasex	WT_veg	OK	14,3826	39,7709	1,46738	-2,79223	0,00523456	0,0308586	yes
AN0871	ChrVIII_A_nidulans_FGSC_A4:2213476-2214744	WT_5hasex	WT_veg	OK	63,5267	180,566	1,50709	-3,14551	0,00165799	0,0119376	yes
AN0894	ChrVIII_A_nidulans_FGSC_A4:2139637-2142035	WT_5hasex	WT_veg	OK	29,9809	199,249	2,73246	-5,53323	3,14381E-08	8,17579E-07	yes
AN0898	ChrVIII_A_nidulans_FGSC_A4:2132226-2134170	WT_5hasex	WT_veg	OK	112,628	291,2	1,37045	-2,8474	0,00440774	0,0268981	yes
AN0926	ChrVIII_A_nidulans_FGSC_A4:2053676-2056857	WT_5hasex	WT_veg	OK	15,2928	42,3984	1,47115	-2,94963	0,0031815	0,0205291	yes
AN0930	ChrVIII_A_nidulans_FGSC_A4:2035850-2037872	WT_5hasex	WT_veg	OK	110,838	715,684	2,69087	-5,14166	2,72323E-07	5,74718E-06	yes
AN0938	ChrVIII_A_nidulans_FGSC_A4:2011890-2014333	WT_5hasex	WT_veg	OK	15,7668	71,9651	2,19041	-3,95471	7,66281E-05	0,000869713	yes
AN0939	ChrVIII_A_nidulans_FGSC_A4:2010938-2011688	WT_5hasex	WT_veg	OK	18,3579	111,157	2,59813	-4,27583	1,90426E-05	0,000255406	yes

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AN0944	ChrVIII_A_nidulans_FGSC_A4:1998304-2000533	WT_5hasex	WT_veg	OK	9,63239	38,7354	2,00769	-3,59708	0,000321805	0,00298887	yes
AN0946	ChrVIII_A_nidulans_FGSC_A4:1992044-1994369	WT_5hasex	WT_veg	OK	15,5568	139,771	3,16744	-5,94709	2,72951E-09	8,82914E-08	yes
AN0948	ChrVIII_A_nidulans_FGSC_A4:1982294-1985047	WT_5hasex	WT_veg	OK	12,8694	162,573	3,65907	-6,69066	2,22165E-11	9,95882E-10	yes
AN0950	ChrVIII_A_nidulans_FGSC_A4:1978777-1979508	WT_5hasex	WT_veg	OK	120,251	18,6545	-2,68845	5,06302	4,12665E-07	8,32991E-06	yes
AN0952	ChrVIII_A_nidulans_FGSC_A4:1962952-1965250	WT_5hasex	WT_veg	OK	100,177	244,38	1,28657	-2,62996	0,00853959	0,0459581	yes
AN0956	ChrVIII_A_nidulans_FGSC_A4:1953253-1955139	WT_5hasex	WT_veg	OK	7,47898	33,9955	2,18443	-3,62424	0,000289811	0,00273979	yes
AN0964	ChrVIII_A_nidulans_FGSC_A4:1941664-1942477	WT_5hasex	WT_veg	OK	147,296	451,984	1,61755	-2,60825	0,00910075	0,0483473	yes
AN0981	ChrVIII_A_nidulans_FGSC_A4:1891076-1892734	WT_5hasex	WT_veg	OK	99,2306	469,667	2,24278	-4,43358	9,26809E-06	0,000134496	yes
AN0988	ChrVIII_A_nidulans_FGSC_A4:1871865-1874363	WT_5hasex	WT_veg	OK	47,3763	224,677	2,24561	-4,63475	3,57361E-06	5,73726E-05	yes
AN0997	ChrVIII_A_nidulans_FGSC_A4:1845534-1846989	WT_5hasex	WT_veg	OK	58,1774	158,935	1,44991	-2,9544	0,00313278	0,0202698	yes
AN1000	ChrVIII_A_nidulans_FGSC_A4:1840304-1841120	WT_5hasex	WT_veg	OK	13,1693	45,5413	1,79	-2,8997	0,0037352	0,0234634	yes
AN10014	ChrVIII_A_nidulans_FGSC_A4:4730247-4730955	WT_5hasex	WT_veg	OK	14,6057	68,3149	2,22567	-3,46063	0,000538918	0,00463794	yes
AN10019	ChrVIII_A_nidulans_FGSC_A4:4557093-4560757	WT_5hasex	WT_veg	OK	34,6593	91,6505	1,4029	-2,96119	0,00306452	0,0198894	yes
AN10024	ChrVIII_A_nidulans_FGSC_A4:4425847-4427318	WT_5hasex	WT_veg	OK	2,96134	14,261	2,26776	-3,21585	0,0013006	0,00975583	yes
AN10025	ChrVIII_A_nidulans_FGSC_A4:4369686-4370756	WT_5hasex	WT_veg	OK	6,24255	49,5521	2,98874	-4,54851	5,40277E-06	8,29279E-05	yes
AN10031	ChrVIII_A_nidulans_FGSC_A4:4093005-4094318	WT_5hasex	WT_veg	OK	193,852	675,843	1,80173	-3,63004	0,000283379	0,00268835	yes
AN10034	ChrVIII_A_nidulans_FGSC_A4:4312450-4313104	WT_5hasex	WT_veg	OK	76,3736	485,23	2,66752	-5,31762	1,05136E-07	2,43453E-06	yes
AN10039	ChrVIII_A_nidulans_FGSC_A4:4460858-4462628	WT_5hasex	WT_veg	OK	3,54792	88,0903	4,63394	-6,84799	7,48934E-12	3,66098E-10	yes
AN10047	ChrVIII_A_nidulans_FGSC_A4:4071742-4073355	WT_5hasex	WT_veg	OK	0,554272	6,31193	3,50941	-4,12339	3,73337E-05	0,000464584	yes
AN10052	ChrVIII_A_nidulans_FGSC_A4:3952397-3953507	WT_5hasex	WT_veg	OK	24,4204	182,424	2,90114	-5,31874	1,04488E-07	2,42381E-06	yes
AN10055	ChrVIII_A_nidulans_FGSC_A4:3842920-3844204	WT_5hasex	WT_veg	OK	49,463	256,896	2,37676	-4,68424	2,80996E-06	4,63625E-05	yes
AN10057	ChrVIII_A_nidulans_FGSC_A4:3797354-3801144	WT_5hasex	WT_veg	OK	7,94006	50,7963	2,6775	-4,1641	3,12579E-05	0,000397567	yes
AN10058	ChrVIII_A_nidulans_FGSC_A4:3789789-3791467	WT_5hasex	WT_veg	OK	15,159	61,2308	2,01408	-3,64096	0,000271618	0,00259354	yes
AN10060	ChrVIII_A_nidulans_FGSC_A4:3822671-3827536	WT_5hasex	WT_veg	OK	81,6633	354,297	2,1172	-3,37195	0,000746378	0,00611502	yes
AN10068	ChrVIII_A_nidulans_FGSC_A4:3792159-3794565	WT_5hasex	WT_veg	OK	13,7312	39,0247	1,50692	-2,90449	0,00367851	0,0231935	yes
AN10096	ChrVIII_A_nidulans_FGSC_A4:3351371-3352228	WT_5hasex	WT_veg	OK	44,8945	258,478	2,52543	-4,94957	7,43758E-07	0,000014116	yes
AN10103	ChrVIII_A_nidulans_FGSC_A4:3569135-3570516	WT_5hasex	WT_veg	OK	147,599	458,665	1,63575	-3,37553	0,000736727	0,0060492	yes
AN10108	ChrVIII_A_nidulans_FGSC_A4:2811337-2812133	WT_5hasex	WT_veg	OK	32,4851	96,3573	1,56862	-2,91447	0,00356287	0,0225703	yes
AN10124	ChrVIII_A_nidulans_FGSC_A4:2403710-2405414	WT_5hasex	WT_veg	OK	44,3279	123,593	1,47931	-3,00499	0,00265586	0,0176579	yes
AN10125	ChrVIII_A_nidulans_FGSC_A4:2314857-2317630	WT_5hasex	WT_veg	OK	15,6462	106,77	2,77063	-5,49488	3,90977E-08	9,94561E-07	yes
AN10132	ChrVIII_A_nidulans_FGSC_A4:2132226-2134170	WT_5hasex	WT_veg	OK	43,2288	118,856	1,45916	-2,66446	0,00771118	0,0423255	yes
AN10135	ChrVIII_A_nidulans_FGSC_A4:1997179-1998276	WT_5hasex	WT_veg	OK	77,0316	290,156	1,91331	-3,55924	0,000371932	0,00337722	yes
AN10161	ChrVIII_A_nidulans_FGSC_A4:1596025-1596720	WT_5hasex	WT_veg	OK	82,4149	325,776	1,9829	-3,89404	9,85877E-05	0,00108261	yes
AN10164	ChrVIII_A_nidulans_FGSC_A4:1549490-1551848	WT_5hasex	WT_veg	OK	41,55	125,293	1,59239	-3,23127	0,0012324	0,00932703	yes
AN10168	ChrVIII_A_nidulans_FGSC_A4:1113350-1114485	WT_5hasex	WT_veg	OK	123,018	414,436	1,75228	-3,54359	0,000394715	0,00355515	yes
AN10169	ChrVIII_A_nidulans_FGSC_A4:1013031-1013975	WT_5hasex	WT_veg	OK	10,6043	38,0441	1,84302	-2,818	0,00483231	0,0289431	yes
AN10173	ChrVIII_A_nidulans_FGSC_A4:1114703-1116975	WT_5hasex	WT_veg	OK	19,4229	132,576	2,77099	-5,36235	8,21469E-08	0,000001954	yes
AN10174	ChrVIII_A_nidulans_FGSC_A4:1012072-1012845	WT_5hasex	WT_veg	OK	213,839	945,979	2,14528	-4,44125	8,94396E-06	0,000130298	yes
AN10185	ChrVIII_A_nidulans_FGSC_A4:665010-666686	WT_5hasex	WT_veg	OK	46,7649	154,893	1,72777	-3,58781	0,000333463	0,0030786	yes
AN10190	ChrVII_A_nidulans_FGSC_A4:699955-701557	WT_5hasex	WT_veg	OK	46,1147	131,25	1,50902	-3,13419	0,00172329	0,0123349	yes
AN10194	ChrVII_A_nidulans_FGSC_A4:908122-914923	WT_5hasex	WT_veg	OK	23,54	58,7588	1,31969	-2,72707	0,00639002	0,0363888	yes
AN10197	ChrVII_A_nidulans_FGSC_A4:863758-865169	WT_5hasex	WT_veg	OK	29,8862	122,967	2,04071	-3,80559	0,000141467	0,00147966	yes
AN1020	ChrVIII_A_nidulans_FGSC_A4:1779034-1779568	WT_5hasex	WT_veg	OK	91,6663	338,87	1,88627	-3,51824	0,000434423	0,00385906	yes
AN10200	ChrVII_A_nidulans_FGSC_A4:927321-928443	WT_5hasex	WT_veg	OK	42,6099	310,347	2,86462	-5,5992	2,15346E-08	5,80183E-07	yes
AN10202	ChrVII_A_nidulans_FGSC_A4:681184-683748	WT_5hasex	WT_veg	OK	474,124	1587,76	1,74366	-2,85608	0,00428906	0,0262741	yes
AN1021	ChrVIII_A_nidulans_FGSC_A4:1777377-1778661	WT_5hasex	WT_veg	OK	71,1472	244,185	1,7791	-3,71196	0,000205659	0,00204302	yes

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AN10210	ChrVII_A_nidulans_FGSC_A4:1019572-1021666	WT_5hasex	WT_veg	OK	5,81573	22,8606	1,97483	-2,6705	0,00757383	0,0417521	yes
AN10211	ChrVII_A_nidulans_FGSC_A4:969316-970602	WT_5hasex	WT_veg	OK	16,3721	70,7946	2,1124	-3,81519	0,00013608	0,00143565	yes
AN10213	ChrVII_A_nidulans_FGSC_A4:1027687-1029364	WT_5hasex	WT_veg	OK	9,64174	47,9361	2,31375	-3,89973	0,000096299	0,0010604	yes
AN10217	ChrVII_A_nidulans_FGSC_A4:1203939-1205039	WT_5hasex	WT_veg	OK	97,991	35,8371	-1,4512	2,91976	0,00350303	0,0222777	yes
AN10218	ChrVII_A_nidulans_FGSC_A4:1205543-1207100	WT_5hasex	WT_veg	OK	27,521	78,2813	1,50813	-3,00748	0,0026342	0,0175531	yes
AN10219	ChrVII_A_nidulans_FGSC_A4:1162583-1163411	WT_5hasex	WT_veg	OK	916,624	4416,73	2,26858	-3,84892	0,000118641	0,00127503	yes
AN1022	ChrVIII_A_nidulans_FGSC_A4:1775719-1776961	WT_5hasex	WT_veg	OK	191,064	652,231	1,77133	-3,54302	0,000395572	0,00356226	yes
AN10224	ChrVII_A_nidulans_FGSC_A4:1417749-1418316	WT_5hasex	WT_veg	OK	8,30172	44,0346	2,40716	-3,38235	0,000718679	0,00592701	yes
AN10228	ChrVII_A_nidulans_FGSC_A4:1726808-1729543	WT_5hasex	WT_veg	OK	18,6619	84,3783	2,17678	-4,41396	1,01495E-05	0,000145888	yes
AN10232	ChrVII_A_nidulans_FGSC_A4:1731347-1732906	WT_5hasex	WT_veg	OK	7,31327	42,006	2,52201	-4,08716	4,36695E-05	0,000532551	yes
AN10233	ChrVII_A_nidulans_FGSC_A4:1747453-1748998	WT_5hasex	WT_veg	OK	15,8306	46,9186	1,56744	-2,69601	0,00701763	0,0392045	yes
AN10234	ChrVII_A_nidulans_FGSC_A4:2027418-2028466	WT_5hasex	WT_veg	OK	10,6748	38,1248	1,83652	-2,7346	0,0062456	0,0356983	yes
AN10237	ChrVII_A_nidulans_FGSC_A4:2438326-2439510	WT_5hasex	WT_veg	OK	243,055	885,756	1,86563	-3,72156	0,000197999	0,00197554	yes
AN1024	ChrVIII_A_nidulans_FGSC_A4:1771000-1773782	WT_5hasex	WT_veg	OK	10,0617	35,4532	1,81704	-3,42795	0,000608155	0,00514744	yes
AN10248	ChrVII_A_nidulans_FGSC_A4:2466932-2467877	WT_5hasex	WT_veg	OK	31,9111	122,092	1,93584	-3,64045	0,00027216	0,00259683	yes
AN10249	ChrVII_A_nidulans_FGSC_A4:2483924-2484621	WT_5hasex	WT_veg	OK	29,8607	83,4998	1,48353	-2,60099	0,00929548	0,0491426	yes
AN10251	ChrVII_A_nidulans_FGSC_A4:2511794-2513380	WT_5hasex	WT_veg	OK	20,277	55,0786	1,44165	-2,75782	0,00581875	0,0336679	yes
AN10260	ChrVII_A_nidulans_FGSC_A4:2831604-2832568	WT_5hasex	WT_veg	OK	112,096	967,556	3,10961	-6,39612	1,59379E-10	6,37541E-09	yes
AN10262	ChrVII_A_nidulans_FGSC_A4:2944635-2946340	WT_5hasex	WT_veg	OK	34,9099	111,891	1,68039	-3,38521	0,000711235	0,00587209	yes
AN10264	ChrVII_A_nidulans_FGSC_A4:2847562-2848378	WT_5hasex	WT_veg	OK	107,725	492,87	2,19385	-4,50807	6,54185E-06	9,84226E-05	yes
AN10265	ChrVII_A_nidulans_FGSC_A4:3066459-3068251	WT_5hasex	WT_veg	OK	40,9823	103,842	1,34132	-2,75775	0,00582007	0,03367	yes
AN10267	ChrVII_A_nidulans_FGSC_A4:3117233-3119137	WT_5hasex	WT_veg	OK	24,6891	85,1931	1,78686	-3,55756	0,000374322	0,00339609	yes
AN10272	ChrVII_A_nidulans_FGSC_A4:3128958-3129355	WT_5hasex	WT_veg	OK	30,1027	136,603	2,18203	-3,50307	0,000459928	0,00405402	yes
AN10285	ChrVII_A_nidulans_FGSC_A4:3514268-3518663	WT_5hasex	WT_veg	OK	308,617	1200,73	1,96002	-2,91694	0,00353487	0,0224363	yes
AN10288	ChrVII_A_nidulans_FGSC_A4:3614200-3615317	WT_5hasex	WT_veg	OK	9,50989	81,1912	3,09382	-4,98812	6,09711E-07	1,18246E-05	yes
AN10296	ChrVII_A_nidulans_FGSC_A4:3671440-3673028	WT_5hasex	WT_veg	OK	996,369	220,621	-2,17511	3,28146	0,00103271	0,00806979	yes
AN10303	ChrVII_A_nidulans_FGSC_A4:3926125-3927658	WT_5hasex	WT_veg	OK	85,7093	477,76	2,47876	-5,14239	2,71269E-07	5,72957E-06	yes
AN10316	ChrVII_A_nidulans_FGSC_A4:4193344-4197753	WT_5hasex	WT_veg	OK	9,88221	28,142	1,50982	-3,04536	0,00232399	0,0158138	yes
AN10327	ChrVII_A_nidulans_FGSC_A4:4421540-4422939	WT_5hasex	WT_veg	OK	52,4517	217,41	2,05136	-4,03371	5,49042E-05	0,000649606	yes
AN10336	ChrVI_A_nidulans_FGSC_A4:2892986-2894515	WT_5hasex	WT_veg	OK	49,1345	164,213	1,74076	-3,60969	0,000306565	0,00287382	yes
AN10340	ChrVI_A_nidulans_FGSC_A4:2864837-2866489	WT_5hasex	WT_veg	OK	42,467	179,884	2,08265	-4,29937	1,71284E-05	0,000233315	yes
AN10341	ChrVI_A_nidulans_FGSC_A4:2960205-2965474	WT_5hasex	WT_veg	OK	10,5388	28,721	1,4464	-2,77507	0,00551901	0,0322165	yes
AN10349	ChrVI_A_nidulans_FGSC_A4:2357613-2359270	WT_5hasex	WT_veg	OK	32,5986	89,4992	1,45707	-2,94392	0,00324079	0,0208399	yes
AN10350	ChrVI_A_nidulans_FGSC_A4:2303666-2306927	WT_5hasex	WT_veg	OK	125,892	686,285	2,44663	-4,62028	3,83225E-06	6,09462E-05	yes
AN10352	ChrVI_A_nidulans_FGSC_A4:1946667-1948618	WT_5hasex	WT_veg	OK	99,9624	517,906	2,37323	-4,57379	4,78974E-06	7,44122E-05	yes
AN10356	ChrVI_A_nidulans_FGSC_A4:1711425-1713182	WT_5hasex	WT_veg	OK	375,941	1484,34	1,98124	-3,35941	0,00078109	0,00636063	yes
AN10358	ChrVI_A_nidulans_FGSC_A4:2678089-2679366	WT_5hasex	WT_veg	OK	0,722725	7,61328	3,397	-3,29985	0,000967373	0,00763567	yes
AN10368	ChrVI_A_nidulans_FGSC_A4:2644749-2645236	WT_5hasex	WT_veg	OK	44,2032	319,565	2,85389	-4,80347	1,55938E-06	2,74764E-05	yes
AN10370	ChrVI_A_nidulans_FGSC_A4:2239730-2241306	WT_5hasex	WT_veg	OK	158,928	640,762	2,01142	-3,89539	9,80397E-05	0,00107681	yes
AN10371	ChrVI_A_nidulans_FGSC_A4:2250046-2250525	WT_5hasex	WT_veg	OK	111,159	896,429	3,01156	-5,65509	1,55765E-08	4,31644E-07	yes
AN10374	ChrVI_A_nidulans_FGSC_A4:2356975-2357350	WT_5hasex	WT_veg	OK	105,828	325,889	1,62266	-3,03406	0,00241285	0,0163315	yes
AN10377	ChrVI_A_nidulans_FGSC_A4:1739018-1740690	WT_5hasex	WT_veg	OK	64,4539	392,825	2,60755	-5,41232	6,22138E-08	1,52271E-06	yes
AN10379	ChrVI_A_nidulans_FGSC_A4:1524782-1526142	WT_5hasex	WT_veg	OK	35,8139	109,589	1,61352	-3,14105	0,00168341	0,0120924	yes
AN10381	ChrVI_A_nidulans_FGSC_A4:1526199-1527621	WT_5hasex	WT_veg	OK	16,0368	4,08821	-1,97184	3,08953	0,00200477	0,0139941	yes
AN1039	ChrVIII_A_nidulans_FGSC_A4:1707150-1711498	WT_5hasex	WT_veg	OK	19,1967	54,8743	1,51527	-3,09696	0,00195517	0,01371	yes
AN10391	ChrVI_A_nidulans_FGSC_A4:1125597-1127513	WT_5hasex	WT_veg	OK	5,39487	30,1176	2,48095	-3,64862	0,000263652	0,00253087	yes

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AN10397	ChrVI_A_nidulans_FGSC_A4:1123911-1125003	WT_5hasex	WT_veg	OK	4,10829	21,3119	2,37505	-3,03284	0,00242264	0,0163872	yes
AN10398	ChrVI_A_nidulans_FGSC_A4:1119809-1121372	WT_5hasex	WT_veg	OK	6,46688	53,9789	3,06125	-4,22577	2,38127E-05	0,000311181	yes
AN10399	ChrVI_A_nidulans_FGSC_A4:1002818-1004140	WT_5hasex	WT_veg	OK	186,66	713,681	1,93487	-3,4908	0,000481585	0,00421232	yes
AN10408	ChrVI_A_nidulans_FGSC_A4:757929-759166	WT_5hasex	WT_veg	OK	24,7327	66,8754	1,43505	-2,70324	0,00686679	0,0385485	yes
AN10409	ChrVI_A_nidulans_FGSC_A4:753603-755951	WT_5hasex	WT_veg	OK	29,1346	100,345	1,78416	-3,70001	0,000215587	0,00212353	yes
AN10410	ChrVI_A_nidulans_FGSC_A4:712878-714337	WT_5hasex	WT_veg	OK	3,67356	15,4964	2,07668	-2,95866	0,00308977	0,0200334	yes
AN10417	ChrVI_A_nidulans_FGSC_A4:645101-646908	WT_5hasex	WT_veg	OK	17,5614	64,2695	1,87173	-3,56204	0,00036799	0,00334665	yes
AN10421	ChrII_A_nidulans_FGSC_A4:3940539-3941836	WT_5hasex	WT_veg	OK	21,2037	90,5912	2,09506	-3,70151	0,000214316	0,00211419	yes
AN10422	ChrII_A_nidulans_FGSC_A4:3939512-3940018	WT_5hasex	WT_veg	OK	154,399	549,762	1,83214	-3,54228	0,00039668	0,00356856	yes
AN10424	ChrII_A_nidulans_FGSC_A4:3881258-3883368	WT_5hasex	WT_veg	OK	16,8056	101,889	2,59998	-4,14296	3,42855E-05	0,000431156	yes
AN10426	ChrII_A_nidulans_FGSC_A4:3883472-3885170	WT_5hasex	WT_veg	OK	9,86736	56,5632	2,51913	-3,63031	0,000283084	0,00268638	yes
AN10436	ChrII_A_nidulans_FGSC_A4:3389836-3391695	WT_5hasex	WT_veg	OK	42,8561	128,677	1,58619	-3,27399	0,00106042	0,00824207	yes
AN10438	ChrII_A_nidulans_FGSC_A4:3323260-3325257	WT_5hasex	WT_veg	OK	10,55	73,1995	2,79459	-5,03123	4,8734E-07	9,6514E-06	yes
AN10441	ChrII_A_nidulans_FGSC_A4:3272278-3274568	WT_5hasex	WT_veg	OK	17,2423	67,3577	1,96589	-3,81308	0,000137245	0,00144416	yes
AN10449	ChrII_A_nidulans_FGSC_A4:3498937-3500689	WT_5hasex	WT_veg	OK	55,0212	164,482	1,57987	-3,25812	0,00112151	0,00863748	yes
AN1045	ChrVIII_A_nidulans_FGSC_A4:1690400-1692003	WT_5hasex	WT_veg	OK	37,5	91,9149	1,29341	-2,61115	0,00902384	0,0480458	yes
AN10451	ChrII_A_nidulans_FGSC_A4:3465706-3466919	WT_5hasex	WT_veg	OK	18,5	85,2515	2,2042	-3,89978	9,62788E-05	0,0010604	yes
AN10452	ChrII_A_nidulans_FGSC_A4:3458466-3459675	WT_5hasex	WT_veg	OK	89,8257	331,873	1,88543	-3,93939	8,16877E-05	0,000918387	yes
AN10456	ChrII_A_nidulans_FGSC_A4:3159268-3161091	WT_5hasex	WT_veg	OK	126,431	332,049	1,39305	-2,86718	0,00414148	0,025514	yes
AN10462	ChrII_A_nidulans_FGSC_A4:3195698-3197156	WT_5hasex	WT_veg	OK	21,9982	75,7684	1,78421	-3,33039	0,000867255	0,00696702	yes
AN10466	ChrII_A_nidulans_FGSC_A4:3274853-3276353	WT_5hasex	WT_veg	OK	89,76	255,051	1,50664	-3,14761	0,00164612	0,0118691	yes
AN10468	ChrII_A_nidulans_FGSC_A4:3099487-3101271	WT_5hasex	WT_veg	OK	10,8536	45,4495	2,06609	-3,43032	0,00060286	0,00510687	yes
AN10469	ChrII_A_nidulans_FGSC_A4:2878490-2879463	WT_5hasex	WT_veg	OK	153,603	471,47	1,61796	-3,23017	0,00123717	0,009355	yes
AN10473	ChrII_A_nidulans_FGSC_A4:2855581-2856542	WT_5hasex	WT_veg	OK	3,05705	13,5239	2,1453	-2,72501	0,00642998	0,0365726	yes
AN10476	ChrII_A_nidulans_FGSC_A4:2945533-2946808	WT_5hasex	WT_veg	OK	116,523	620,155	2,41201	-4,48083	7,43548E-06	0,000110535	yes
AN10483	ChrII_A_nidulans_FGSC_A4:2736621-2737642	WT_5hasex	WT_veg	OK	75,6575	329,071	2,12084	-4,34073	0,000014201	0,000197024	yes
AN10484	ChrII_A_nidulans_FGSC_A4:2716660-2718020	WT_5hasex	WT_veg	OK	17,862	57,5459	1,68782	-3,08286	0,00205019	0,0142751	yes
AN1049	ChrVIII_A_nidulans_FGSC_A4:1679199-1680273	WT_5hasex	WT_veg	OK	106,746	521,805	2,28932	-4,17298	3,00646E-05	0,000384443	yes
AN10491	ChrII_A_nidulans_FGSC_A4:2677115-2679497	WT_5hasex	WT_veg	OK	6,66593	19,7915	1,57	-2,67174	0,00754598	0,0416236	yes
AN10496	ChrII_A_nidulans_FGSC_A4:2294913-2296370	WT_5hasex	WT_veg	OK	106,122	431,845	2,02479	-4,12312	3,73769E-05	0,00046501	yes
AN10497	ChrII_A_nidulans_FGSC_A4:2248138-2250965	WT_5hasex	WT_veg	OK	18,6591	50,3215	1,4313	-2,84432	0,00445061	0,0271124	yes
AN10498	ChrII_A_nidulans_FGSC_A4:2252073-2255913	WT_5hasex	WT_veg	OK	19,7078	47,5736	1,27139	-2,59968	0,00933103	0,0492808	yes
AN10499	ChrII_A_nidulans_FGSC_A4:2468195-2469256	WT_5hasex	WT_veg	OK	0,811906	13,2683	4,03052	-4,48001	7,46387E-06	0,000110834	yes
AN10501	ChrII_A_nidulans_FGSC_A4:2332058-2334183	WT_5hasex	WT_veg	OK	18,4586	47,3338	1,35858	-2,6222	0,0087365	0,04683	yes
AN10506	ChrII_A_nidulans_FGSC_A4:2005375-2007664	WT_5hasex	WT_veg	OK	12,8324	1,69852	-2,91744	4,19426	2,73766E-05	0,00035326	yes
AN10507	ChrII_A_nidulans_FGSC_A4:2008314-2009054	WT_5hasex	WT_veg	OK	468,037	114,579	-2,03028	3,83389	0,000126135	0,00134426	yes
AN10508	ChrII_A_nidulans_FGSC_A4:1884675-1885515	WT_5hasex	WT_veg	OK	65,1083	243,846	1,90506	-3,81008	0,000138925	0,00145735	yes
AN10510	ChrII_A_nidulans_FGSC_A4:1908788-1909770	WT_5hasex	WT_veg	OK	60,3746	291,1	2,2695	-4,56847	4,91299E-06	7,61688E-05	yes
AN10511	ChrII_A_nidulans_FGSC_A4:2074586-2075745	WT_5hasex	WT_veg	OK	86,1969	251,676	1,54586	-3,14055	0,00168633	0,0121068	yes
AN10513	ChrII_A_nidulans_FGSC_A4:1839486-1842290	WT_5hasex	WT_veg	OK	15,9285	42,8349	1,42718	-2,8607	0,00422706	0,0259679	yes
AN10518	ChrII_A_nidulans_FGSC_A4:1705528-1706752	WT_5hasex	WT_veg	OK	461,448	2147,9	2,21869	-3,6893	0,000224871	0,00220545	yes
AN10533	ChrII_A_nidulans_FGSC_A4:1588593-1591898	WT_5hasex	WT_veg	OK	221,14	1466,37	2,72921	-4,60475	4,1296E-06	6,50826E-05	yes
AN10536	ChrII_A_nidulans_FGSC_A4:1498382-1499676	WT_5hasex	WT_veg	OK	39,4244	141,198	1,84056	-3,57275	0,000353251	0,00323315	yes
AN10537	ChrII_A_nidulans_FGSC_A4:1472278-1474489	WT_5hasex	WT_veg	OK	25,2214	99,1718	1,97528	-4,06968	4,70776E-05	0,000567769	yes
AN10539	ChrIII_A_nidulans_FGSC_A4:2464113-2464962	WT_5hasex	WT_veg	OK	45,7542	251,718	2,45983	-4,78474	1,71207E-06	2,98755E-05	yes
AN10546	ChrIII_A_nidulans_FGSC_A4:2381444-2382743	WT_5hasex	WT_veg	OK	95,0952	227,175	1,25636	-2,6045	0,00920075	0,0487648	yes

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AN10547	ChrIII_A_nidulans_FGSC_A4:2375455-2376211	WT_5hasex	WT_veg	OK	216,62	1027,16	2,24542	-4,37159	1,23343E-05	0,000172958	yes
AN10551	ChrIII_A_nidulans_FGSC_A4:2119089-2123487	WT_5hasex	WT_veg	OK	10,8553	80,178	2,88481	-5,81402	6,09913E-09	1,84318E-07	yes
AN10552	ChrIII_A_nidulans_FGSC_A4:2096271-2097966	WT_5hasex	WT_veg	OK	23,9486	74,4539	1,63641	-3,08963	0,00200407	0,013993	yes
AN10557	ChrIII_A_nidulans_FGSC_A4:1961381-1963894	WT_5hasex	WT_veg	OK	14,0465	134,995	3,26463	-6,50349	7,8477E-11	3,27939E-09	yes
AN10560	ChrIII_A_nidulans_FGSC_A4:1965637-1968206	WT_5hasex	WT_veg	OK	13,3649	71,4107	2,41769	-4,69649	2,64666E-06	4,40146E-05	yes
AN10567	ChrIII_A_nidulans_FGSC_A4:1739470-1740843	WT_5hasex	WT_veg	OK	33,5178	93,8738	1,4858	-2,81349	0,00490072	0,0292691	yes
AN10569	ChrIII_A_nidulans_FGSC_A4:1799917-1800706	WT_5hasex	WT_veg	OK	36,0404	151,94	2,07582	-3,7872	0,000152356	0,00157564	yes
AN10574	ChrIII_A_nidulans_FGSC_A4:1399045-1403873	WT_5hasex	WT_veg	OK	39,3448	139,831	1,82944	-3,55536	0,000377469	0,00341803	yes
AN10575	ChrIII_A_nidulans_FGSC_A4:1462957-1463934	WT_5hasex	WT_veg	OK	347,491	955,715	1,4596	-2,88688	0,00389087	0,0242466	yes
AN10579	ChrIII_A_nidulans_FGSC_A4:1490533-1491676	WT_5hasex	WT_veg	OK	2,73528	14,8217	2,43795	-3,1075	0,00188675	0,0132907	yes
AN10580	ChrIII_A_nidulans_FGSC_A4:1295955-1298078	WT_5hasex	WT_veg	OK	51,9007	149,333	1,52471	-3,07494	0,00210545	0,0145829	yes
AN10581	ChrIII_A_nidulans_FGSC_A4:1211530-1212691	WT_5hasex	WT_veg	OK	997,365	3807,18	1,93253	-3,35009	0,00080784	0,00654896	yes
AN10590	ChrIII_A_nidulans_FGSC_A4:1091180-1092012	WT_5hasex	WT_veg	OK	21,7086	93,1077	2,10063	-3,60801	0,000308556	0,00288938	yes
AN10592	ChrIII_A_nidulans_FGSC_A4:1277030-1277582	WT_5hasex	WT_veg	OK	24,0605	128,622	2,4184	-3,98665	6,70125E-05	0,000773899	yes
AN10598	ChrIII_A_nidulans_FGSC_A4:927622-930210	WT_5hasex	WT_veg	OK	26,2724	75,0907	1,51508	-3,13885	0,00169612	0,012167	yes
AN10607	ChrIII_A_nidulans_FGSC_A4:768215-770924	WT_5hasex	WT_veg	OK	32,9274	94,1212	1,51523	-3,10518	0,00190161	0,0133792	yes
AN10616	ChrIII_A_nidulans_FGSC_A4:765808-767013	WT_5hasex	WT_veg	OK	16,373	71,6356	2,12936	-3,75853	0,000170914	0,0017411	yes
AN10618	ChrIII_A_nidulans_FGSC_A4:671074-673174	WT_5hasex	WT_veg	OK	10,4036	41,7614	2,00508	-3,60585	0,000311139	0,00290992	yes
AN10619	ChrIII_A_nidulans_FGSC_A4:673230-675428	WT_5hasex	WT_veg	OK	25,6669	100,669	1,97164	-3,71957	0,000199559	0,00198846	yes
AN10625	ChrIII_A_nidulans_FGSC_A4:49562-51566	WT_5hasex	WT_veg	OK	19,5272	57,3992	1,55554	-2,9436	0,00324418	0,0208591	yes
AN10627	ChrIII_A_nidulans_FGSC_A4:51865-53499	WT_5hasex	WT_veg	OK	14,336	81,2662	2,50302	-4,39504	1,10752E-05	0,000157323	yes
AN10629	ChrIII_A_nidulans_FGSC_A4:31166-32699	WT_5hasex	WT_veg	OK	5,24651	23,425	2,15862	-3,27246	0,00106614	0,00827552	yes
AN10631	ChrIII_A_nidulans_FGSC_A4:37831-38651	WT_5hasex	WT_veg	OK	14,1869	62,3028	2,13474	-3,43589	0,000590603	0,00502171	yes
AN10634	ChrV_A_nidulans_FGSC_A4:1259268-1261828	WT_5hasex	WT_veg	OK	61,985	240,93	1,95863	-3,8629	0,000112051	0,00121317	yes
AN10641	ChrV_A_nidulans_FGSC_A4:1281089-1281868	WT_5hasex	WT_veg	OK	73,1999	228,145	1,64004	-3,15861	0,00158522	0,011507	yes
AN10643	ChrV_A_nidulans_FGSC_A4:1275319-1275993	WT_5hasex	WT_veg	OK	43,9783	164,629	1,90435	-3,29627	0,000979767	0,00771824	yes
AN10645	ChrV_A_nidulans_FGSC_A4:1269505-1270684	WT_5hasex	WT_veg	OK	64,5883	253,239	1,97115	-4,0991	4,14765E-05	0,000509244	yes
AN10646	ChrV_A_nidulans_FGSC_A4:1322131-1323298	WT_5hasex	WT_veg	OK	49,45	181,638	1,87702	-3,85307	0,000116645	0,00125667	yes
AN1066	ChrVIII_A_nidulans_FGSC_A4:1626434-1627741	WT_5hasex	WT_veg	OK	1249,41	7519,33	2,58935	-3,03112	0,00243652	0,0164576	yes
AN10662	ChrV_A_nidulans_FGSC_A4:3068530-3070129	WT_5hasex	WT_veg	OK	5,37652	20,442	1,92679	-2,89977	0,00373439	0,0234634	yes
AN10676	ChrV_A_nidulans_FGSC_A4:2549711-2551257	WT_5hasex	WT_veg	OK	51,8072	181,972	1,81249	-3,76829	0,000164369	0,00168293	yes
AN10678	ChrV_A_nidulans_FGSC_A4:2480740-2481600	WT_5hasex	WT_veg	OK	186,352	2519,42	3,75699	-7,41965	1,17462E-13	7,37152E-12	yes
AN1068	ChrVIII_A_nidulans_FGSC_A4:1623614-1625196	WT_5hasex	WT_veg	OK	20,7864	74,037	1,8326	-3,31776	0,000907423	0,00724306	yes
AN10690	ChrV_A_nidulans_FGSC_A4:2447377-2448229	WT_5hasex	WT_veg	OK	7,12816	41,7607	2,55055	-3,5526	0,000381437	0,00345039	yes
AN10695	ChrV_A_nidulans_FGSC_A4:2408197-2409235	WT_5hasex	WT_veg	OK	49,9983	220,273	2,13934	-4,2674	1,97768E-05	0,000263634	yes
AN10698	ChrV_A_nidulans_FGSC_A4:2433572-2434803	WT_5hasex	WT_veg	OK	10,8693	43,897	2,01387	-2,83797	0,00454008	0,027539	yes
AN10699	ChrV_A_nidulans_FGSC_A4:2426829-2429153	WT_5hasex	WT_veg	OK	4,67737	92,4615	4,30508	-6,95796	3,45235E-12	1,77016E-10	yes
AN10700	ChrV_A_nidulans_FGSC_A4:2106701-2109184	WT_5hasex	WT_veg	OK	8,42371	32,6065	1,95263	-3,01565	0,00256432	0,0171689	yes
AN10701	ChrV_A_nidulans_FGSC_A4:2051029-2052425	WT_5hasex	WT_veg	OK	153,961	618,175	2,00545	-4,09522	4,21769E-05	0,000516995	yes
AN10706	ChrV_A_nidulans_FGSC_A4:1753937-1755003	WT_5hasex	WT_veg	OK	220,967	720,047	1,70426	-3,36091	0,000776852	0,00632907	yes
AN10712	ChrV_A_nidulans_FGSC_A4:2049662-2050743	WT_5hasex	WT_veg	OK	228,482	840,073	1,87843	-3,67626	0,000236678	0,00230228	yes
AN10713	ChrV_A_nidulans_FGSC_A4:1952597-1953898	WT_5hasex	WT_veg	OK	75,3655	181,763	1,27009	-2,62107	0,00876534	0,046946	yes
AN10714	ChrV_A_nidulans_FGSC_A4:1933059-1934344	WT_5hasex	WT_veg	OK	10,4075	33,2604	1,67618	-2,7182	0,00656382	0,0372168	yes
AN10716	ChrV_A_nidulans_FGSC_A4:1711823-1712805	WT_5hasex	WT_veg	OK	51,0875	129,055	1,33694	-2,67503	0,00747221	0,0412819	yes
AN10717	ChrV_A_nidulans_FGSC_A4:1715604-1716172	WT_5hasex	WT_veg	OK	65,8656	240,682	1,86953	-3,49967	0,000465838	0,00410198	yes
AN10734	ChrI_A_nidulans_FGSC_A4:2067939-2076455	WT_5hasex	WT_veg	OK	12,7818	35,9279	1,49102	-3,15099	0,00162717	0,0117582	yes

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AN10736	Chrl_A_nidulans_FGSC_A4:1994432-1996177	WT_5hasex	WT_veg	OK	123,42	492,394	1,99623	-4,08373	4,43177E-05	0,000539702	yes
AN10738	Chrl_A_nidulans_FGSC_A4:2187456-2188066	WT_5hasex	WT_veg	OK	49,4779	147,576	1,57661	-2,95262	0,00315089	0,0203667	yes
AN10745	Chrl_A_nidulans_FGSC_A4:2101158-2103220	WT_5hasex	WT_veg	OK	104,552	275,549	1,39809	-2,88768	0,00388095	0,0241905	yes
AN10747	Chrl_A_nidulans_FGSC_A4:2097285-2099202	WT_5hasex	WT_veg	OK	64,2117	223,566	1,79979	-3,78242	0,000155311	0,00160114	yes
AN10751	Chrl_A_nidulans_FGSC_A4:1993322-1994401	WT_5hasex	WT_veg	OK	100,814	330,395	1,7125	-3,5815	0,000341625	0,00314398	yes
AN10752	Chrl_A_nidulans_FGSC_A4:1960194-1961793	WT_5hasex	WT_veg	OK	100,505	307,368	1,6127	-3,34079	0,000835411	0,00673599	yes
AN10758	Chrl_A_nidulans_FGSC_A4:1679577-1681017	WT_5hasex	WT_veg	OK	10,6337	34,4469	1,69573	-2,90766	0,00364142	0,0229783	yes
AN10761	Chrl_A_nidulans_FGSC_A4:1705039-1705583	WT_5hasex	WT_veg	OK	2514,3	11800,5	2,23062	-3,49876	0,000467432	0,00411324	yes
AN10769	Chrl_A_nidulans_FGSC_A4:1319827-1323371	WT_5hasex	WT_veg	OK	20,1478	79,3222	1,9771	-4,05879	4,93278E-05	0,000591234	yes
AN1077	ChrVIII_A_nidulans_FGSC_A4:1585482-1587967	WT_5hasex	WT_veg	OK	5,30899	1,20099	-2,14421	2,66937	0,00759929	0,0418472	yes
AN10771	Chrl_A_nidulans_FGSC_A4:1323745-1325376	WT_5hasex	WT_veg	OK	50,8803	279,815	2,45929	-5,10593	3,29169E-07	6,82052E-06	yes
AN10773	Chrl_A_nidulans_FGSC_A4:1242542-1243031	WT_5hasex	WT_veg	OK	5,629	75,8191	3,75161	-5,02908	4,92849E-07	9,73841E-06	yes
AN10778	Chrl_A_nidulans_FGSC_A4:973326-975178	WT_5hasex	WT_veg	OK	58,7977	152,842	1,37821	-2,67118	0,00755846	0,0416837	yes
AN10782	Chrl_A_nidulans_FGSC_A4:880687-881831	WT_5hasex	WT_veg	OK	70,1543	1242,14	4,14615	-8,3601	0	0	yes
AN10792	Chrl_A_nidulans_FGSC_A4:847628-849552	WT_5hasex	WT_veg	OK	45,8523	165,26	1,84967	-3,85253	0,000116905	0,00125895	yes
AN10794	Chrl_A_nidulans_FGSC_A4:853836-857632	WT_5hasex	WT_veg	OK	8,75811	26,6659	1,60631	-3,13871	0,00169693	0,0121712	yes
AN10798	Chrl_A_nidulans_FGSC_A4:577040-578346	WT_5hasex	WT_veg	OK	26,2335	154,782	2,56076	-4,97655	6,47285E-07	1,24702E-05	yes
AN10799	Chrl_A_nidulans_FGSC_A4:528658-531107	WT_5hasex	WT_veg	OK	13,5081	37,7043	1,4809	-2,86628	0,00415328	0,0255776	yes
AN1080	ChrVIII_A_nidulans_FGSC_A4:1576282-1577153	WT_5hasex	WT_veg	OK	12,7821	39,6783	1,63422	-2,60514	0,0091836	0,0486936	yes
AN10806	Chrl_A_nidulans_FGSC_A4:574981-576731	WT_5hasex	WT_veg	OK	35,8036	116,318	1,69989	-3,43075	0,000601906	0,00510044	yes
AN10809	Chrl_A_nidulans_FGSC_A4:464158-465163	WT_5hasex	WT_veg	OK	94,2979	235,754	1,32199	-2,65564	0,00791571	0,0431992	yes
AN10812	Chrl_A_nidulans_FGSC_A4:64525-67115	WT_5hasex	WT_veg	OK	2,52696	10,2004	2,01315	-2,88858	0,00386985	0,0241472	yes
AN10823	Chrl_A_nidulans_FGSC_A4:2305056-2306350	WT_5hasex	WT_veg	OK	38,255	115,766	1,59749	-3,15275	0,0016174	0,0117	yes
AN10835	Chrl_A_nidulans_FGSC_A4:2601209-2602210	WT_5hasex	WT_veg	OK	17,6581	71,4697	2,017	-3,49195	0,000479502	0,00420239	yes
AN10837	Chrl_A_nidulans_FGSC_A4:2693171-2695697	WT_5hasex	WT_veg	OK	43,5378	388,924	3,15915	-6,17304	6,69884E-10	2,44622E-08	yes
AN10839	Chrl_A_nidulans_FGSC_A4:2602457-2603767	WT_5hasex	WT_veg	OK	87,0929	270,601	1,63554	-3,25075	0,00115103	0,00881556	yes
AN10840	Chrl_A_nidulans_FGSC_A4:2691580-2693089	WT_5hasex	WT_veg	OK	17,2573	101,307	2,55346	-4,64162	3,45694E-06	5,57386E-05	yes
AN10847	Chrl_A_nidulans_FGSC_A4:2954887-2955813	WT_5hasex	WT_veg	OK	2251,29	10139,4	2,17115	-3,14385	0,0016674	0,0120004	yes
AN10848	Chrl_A_nidulans_FGSC_A4:2978479-2980388	WT_5hasex	WT_veg	OK	21,3676	56,9445	1,41413	-2,60877	0,00908679	0,0482927	yes
AN10856	Chrl_A_nidulans_FGSC_A4:3529534-3533165	WT_5hasex	WT_veg	OK	28,1116	93,5106	1,73397	-3,58824	0,000332911	0,00307459	yes
AN10857	Chrl_A_nidulans_FGSC_A4:3386073-3386799	WT_5hasex	WT_veg	OK	49,256	128,509	1,3835	-2,68135	0,00733256	0,0406475	yes
AN10858	Chrl_A_nidulans_FGSC_A4:3528628-3529183	WT_5hasex	WT_veg	OK	105,72	296,163	1,48614	-3,01212	0,0025943	0,0173313	yes
AN10864	Chrl_A_nidulans_FGSC_A4:3639064-3640017	WT_5hasex	WT_veg	OK	32,536	131,475	2,01468	-3,76105	0,000169203	0,00172703	yes
AN10865	Chrl_A_nidulans_FGSC_A4:3640314-3641042	WT_5hasex	WT_veg	OK	26,9694	100,839	1,90265	-3,16498	0,00155095	0,0113005	yes
AN10866	Chrl_A_nidulans_FGSC_A4:3592945-3594392	WT_5hasex	WT_veg	OK	23,0813	73,107	1,66329	-3,20415	0,00135461	0,0100995	yes
AN10877	ChrIV_A_nidulans_FGSC_A4:1388936-1391286	WT_5hasex	WT_veg	OK	46,0841	184,568	2,00181	-4,16596	3,10049E-05	0,000394637	yes
AN1088	ChrVIII_A_nidulans_FGSC_A4:1556048-1559472	WT_5hasex	WT_veg	OK	65,727	372,654	2,50328	-5,13733	2,78671E-07	5,86463E-06	yes
AN10880	ChrIV_A_nidulans_FGSC_A4:1238224-1239151	WT_5hasex	WT_veg	OK	154,927	496,485	1,68016	-3,33717	0,000846366	0,00681908	yes
AN1089	ChrVIII_A_nidulans_FGSC_A4:1556048-1559472	WT_5hasex	WT_veg	OK	134,198	477,725	1,83182	-3,59469	0,000324774	0,00301217	yes
AN1090	ChrVIII_A_nidulans_FGSC_A4:1552441-1553774	WT_5hasex	WT_veg	OK	23,3895	73,4337	1,65058	-3,09268	0,00198361	0,0138816	yes
AN10901	ChrIV_A_nidulans_FGSC_A4:882622-886039	WT_5hasex	WT_veg	OK	22,891	99,1996	2,11555	-4,05261	5,06491E-05	0,000605271	yes
AN10903	ChrIV_A_nidulans_FGSC_A4:886484-888338	WT_5hasex	WT_veg	OK	44,6979	484,947	3,43955	-6,11078	9,91458E-10	3,51518E-08	yes
AN10910	ChrIV_A_nidulans_FGSC_A4:616237-619313	WT_5hasex	WT_veg	OK	75,7343	25,7453	-1,55664	3,14815	0,00164305	0,0118561	yes
AN1092	ChrVIII_A_nidulans_FGSC_A4:1546066-1547665	WT_5hasex	WT_veg	OK	29,0728	117,248	2,01182	-3,98377	6,78319E-05	0,000782247	yes
AN10921	ChrIV_A_nidulans_FGSC_A4:443757-448621	WT_5hasex	WT_veg	OK	28,2241	7,06379	-1,99841	4,10096	4,11432E-05	0,000505463	yes
AN10930	ChrIV_A_nidulans_FGSC_A4:200562-202216	WT_5hasex	WT_veg	OK	1,67744	8,62591	2,36241	-3,14638	0,00165302	0,01191	yes

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AN10936	ChrIV_A_nidulans_FGSC_A4:202510-204288	WT_5hasex	WT_veg	OK	8,94579	38,6573	2,11146	-3,60086	0,000317166	0,00295503	yes
AN10940	ChrIV_A_nidulans_FGSC_A4:1514375-1518102	WT_5hasex	WT_veg	OK	26,2569	78,3263	1,5768	-2,91926	0,00350867	0,0223099	yes
AN10943	ChrIV_A_nidulans_FGSC_A4:1712410-1713918	WT_5hasex	WT_veg	OK	20,8717	124,111	2,572	-4,75193	2,01479E-06	3,46162E-05	yes
AN1095	ChrVIII_A_nidulans_FGSC_A4:1535731-1536846	WT_5hasex	WT_veg	OK	58,4065	160,041	1,45424	-2,96265	0,00305004	0,01982	yes
AN10956	ChrIV_A_nidulans_FGSC_A4:1716996-1718978	WT_5hasex	WT_veg	OK	38,0659	134,135	1,81711	-3,7361	0,000186896	0,0018798	yes
AN1096	ChrVIII_A_nidulans_FGSC_A4:1532995-1534971	WT_5hasex	WT_veg	OK	49,7446	144,718	1,54063	-3,25205	0,00114576	0,00878162	yes
AN10960	ChrIV_A_nidulans_FGSC_A4:1840460-1841772	WT_5hasex	WT_veg	OK	10,1079	56,21	2,47535	-4,07815	4,53947E-05	0,000550616	yes
AN10962	ChrIV_A_nidulans_FGSC_A4:2060194-2062794	WT_5hasex	WT_veg	OK	7,41844	20,8786	1,49284	-2,65621	0,00790248	0,043145	yes
AN10965	ChrIV_A_nidulans_FGSC_A4:2119988-2120846	WT_5hasex	WT_veg	OK	163,592	581,917	1,83071	-3,79784	0,00014596	0,00151939	yes
AN10967	ChrIV_A_nidulans_FGSC_A4:1527770-1528331	WT_5hasex	WT_veg	OK	42,1779	117,055	1,47263	-2,61872	0,00882594	0,0472176	yes
AN1097	ChrVIII_A_nidulans_FGSC_A4:1521093-1523303	WT_5hasex	WT_veg	OK	129,774	590,473	2,18587	-4,28095	1,86093E-05	0,000250886	yes
AN10970	ChrIV_A_nidulans_FGSC_A4:1727532-1729235	WT_5hasex	WT_veg	OK	40,0034	205,189	2,35876	-4,39804	1,09232E-05	0,000155374	yes
AN10975	ChrIV_A_nidulans_FGSC_A4:2170510-2171497	WT_5hasex	WT_veg	OK	96,0088	290,014	1,59488	-3,30587	0,000946807	0,00751054	yes
AN10977	ChrIV_A_nidulans_FGSC_A4:2248244-2248711	WT_5hasex	WT_veg	OK	910,319	3317,91	1,86583	-3,31344	0,000921562	0,00733693	yes
AN10986	ChrIV_A_nidulans_FGSC_A4:2429712-2431518	WT_5hasex	WT_veg	OK	2,24534	12,3014	2,45382	-2,80459	0,00503804	0,0299188	yes
AN10990	ChrIV_A_nidulans_FGSC_A4:2300111-2301104	WT_5hasex	WT_veg	OK	35,696	98,8329	1,46923	-2,80808	0,00498376	0,0296603	yes
AN10991	ChrIV_A_nidulans_FGSC_A4:2383205-2384092	WT_5hasex	WT_veg	OK	61,0969	266,151	2,12307	-4,27172	1,93973E-05	0,000259499	yes
AN11001	ChrIV_A_nidulans_FGSC_A4:2431894-2432664	WT_5hasex	WT_veg	OK	160,33	1171,05	2,86869	-5,93529	2,93327E-09	9,4243E-08	yes
AN11016	ChrIV_A_nidulans_FGSC_A4:2699188-2702650	WT_5hasex	WT_veg	OK	28,035	123,156	2,13518	-4,24299	2,20558E-05	0,000290613	yes
AN11022	ChrIV_A_nidulans_FGSC_A4:2593310-2596302	WT_5hasex	WT_veg	OK	26,894	78,2586	1,54097	-3,20767	0,00133814	0,00999447	yes
AN11036	ChrII_A_nidulans_FGSC_A4:740553-742510	WT_5hasex	WT_veg	OK	5,61942	49,4894	3,13863	-5,04422	4,55386E-07	9,10113E-06	yes
AN11039	ChrII_A_nidulans_FGSC_A4:603541-604431	WT_5hasex	WT_veg	OK	76,8562	331,901	2,11052	-4,36102	1,29456E-05	0,000180728	yes
AN11043	ChrII_A_nidulans_FGSC_A4:737579-738185	WT_5hasex	WT_veg	OK	20,2518	99,3252	2,29411	-3,78998	0,000150661	0,0015597	yes
AN11051	ChrII_A_nidulans_FGSC_A4:742801-744573	WT_5hasex	WT_veg	OK	3,00366	12,46	2,05251	-2,82077	0,00479084	0,0287538	yes
AN11055	ChrII_A_nidulans_FGSC_A4:1204291-1205507	WT_5hasex	WT_veg	OK	108,603	367,925	1,76035	-3,67631	0,000236631	0,00230225	yes
AN11060	ChrII_A_nidulans_FGSC_A4:1202842-1204031	WT_5hasex	WT_veg	OK	48,8234	199,128	2,02805	-4,11092	3,94088E-05	0,000486823	yes
AN11066	ChrII_A_nidulans_FGSC_A4:1391021-1392351	WT_5hasex	WT_veg	OK	18,7487	106,145	2,50117	-4,694	2,67914E-06	0,000044456	yes
AN11087	ChrV_A_nidulans_FGSC_A4:865333-867059	WT_5hasex	WT_veg	OK	7,69591	33,4267	2,11884	-3,40787	0,000654722	0,00547364	yes
AN11107	ChrIII_A_nidulans_FGSC_A4:3041279-3043375	WT_5hasex	WT_veg	OK	7,36569	24,1831	1,71511	-2,91309	0,00357875	0,02266	yes
AN11108	ChrIII_A_nidulans_FGSC_A4:2998616-2999711	WT_5hasex	WT_veg	OK	2,17457	12,3114	2,5012	-3,15286	0,00161679	0,0116972	yes
AN11109	ChrIII_A_nidulans_FGSC_A4:3109135-3109871	WT_5hasex	WT_veg	OK	32,2515	132,766	2,04145	-3,43655	0,000589167	0,00501194	yes
AN11115	ChrIII_A_nidulans_FGSC_A4:2938095-2939580	WT_5hasex	WT_veg	OK	20,8108	55,8074	1,42312	-2,70243	0,00688342	0,0386111	yes
AN11119	ChrIII_A_nidulans_FGSC_A4:2866805-2868667	WT_5hasex	WT_veg	OK	83,3723	226,469	1,44168	-2,92195	0,00347852	0,0221477	yes
AN1112	ChrVIII_A_nidulans_FGSC_A4:1471119-1471867	WT_5hasex	WT_veg	OK	98,9004	243,845	1,30192	-2,67467	0,00748034	0,0413137	yes
AN11120	ChrIII_A_nidulans_FGSC_A4:2864047-2866029	WT_5hasex	WT_veg	OK	22,8774	295,45	3,69092	-6,61311	3,76341E-11	1,64616E-09	yes
AN11121	ChrIII_A_nidulans_FGSC_A4:2861615-2863283	WT_5hasex	WT_veg	OK	17,0165	79,7528	2,2286	-4,1654	3,10812E-05	0,000395511	yes
AN11132	ChrIII_A_nidulans_FGSC_A4:2596490-2597927	WT_5hasex	WT_veg	OK	50,2316	167,135	1,73434	-3,42987	0,000603875	0,00511463	yes
AN11136	ChrIII_A_nidulans_FGSC_A4:2584812-2585412	WT_5hasex	WT_veg	OK	351,608	1054,52	1,58455	-3,18918	0,00142678	0,0105334	yes
AN11138	ChrIII_A_nidulans_FGSC_A4:2617818-2619847	WT_5hasex	WT_veg	OK	42,1525	146,862	1,80077	-3,74252	0,000182186	0,00184126	yes
AN11140	ChrVII_A_nidulans_FGSC_A4:562058-563855	WT_5hasex	WT_veg	OK	57,8214	408,661	2,82123	-4,98553	6,17914E-07	0,000011966	yes
AN11146	ChrVII_A_nidulans_FGSC_A4:572856-573695	WT_5hasex	WT_veg	OK	94,2479	346,345	1,87768	-3,56475	0,000364209	0,00331687	yes
AN11149	ChrVII_A_nidulans_FGSC_A4:501383-503301	WT_5hasex	WT_veg	OK	22,4186	6,6011	-1,76392	2,67035	0,00757721	0,0417594	yes
AN11151	ChrVII_A_nidulans_FGSC_A4:398429-399838	WT_5hasex	WT_veg	OK	0,804656	12,5743	3,96596	-4,13089	3,61364E-05	0,00045183	yes
AN11154	ChrVII_A_nidulans_FGSC_A4:402419-403035	WT_5hasex	WT_veg	OK	92,6678	341,964	1,8837	-3,55129	0,000383344	0,00346464	yes
AN11161	ChrVII_A_nidulans_FGSC_A4:60984-62376	WT_5hasex	WT_veg	OK	10,9909	106,544	3,27707	-5,60229	2,11536E-08	5,70211E-07	yes
AN11162	ChrVI_A_nidulans_FGSC_A4:563364-566032	WT_5hasex	WT_veg	OK	17,8568	88,422	2,30793	-4,65213	3,28531E-06	0,000053382	yes

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AN11163	ChrVI_A_nidulans_FGSC_A4:483636-487941	WT_5hasex	WT_veg	OK	22,9144	56,2258	1,29498	-2,61026	0,00904745	0,0481373	yes
AN11169	ChrVI_A_nidulans_FGSC_A4:283761-286062	WT_5hasex	WT_veg	OK	19,7948	63,564	1,68309	-3,33181	0,000862818	0,00693776	yes
AN11176	ChrVI_A_nidulans_FGSC_A4:402777-403737	WT_5hasex	WT_veg	OK	19,0413	60,7066	1,67272	-2,93703	0,00331369	0,0212642	yes
AN11196	ChrVII_A_nidulans_FGSC_A4:197423-199305	WT_5hasex	WT_veg	OK	15,2897	1,45607	-3,39241	4,22681	2,37033E-05	0,000309828	yes
AN11209	ChrVIII_A_nidulans_FGSC_A4:133391-135054	WT_5hasex	WT_veg	OK	6,68918	59,8003	3,16025	-4,58337	4,57544E-06	7,14003E-05	yes
AN11210	ChrVIII_A_nidulans_FGSC_A4:224076-224877	WT_5hasex	WT_veg	OK	12,9606	43,8456	1,7583	-2,71452	0,00663722	0,0375274	yes
AN11215	ChrVIII_A_nidulans_FGSC_A4:225489-228452	WT_5hasex	WT_veg	OK	14,2309	71,754	2,33403	-2,96954	0,00298248	0,0194654	yes
AN11216	ChrVIII_A_nidulans_FGSC_A4:448800-450798	WT_5hasex	WT_veg	OK	2,46731	9,30255	1,91469	-2,63304	0,00846241	0,0456127	yes
AN11219	ChrVIII_A_nidulans_FGSC_A4:291385-292898	WT_5hasex	WT_veg	OK	4,21722	21,1049	2,32322	-2,90374	0,00368737	0,023238	yes
AN11224	ChrII_A_nidulans_FGSC_A4:1483988-1485111	WT_5hasex	WT_veg	OK	26,363	103,172	1,96847	-3,70824	0,000208703	0,00206738	yes
AN11223	ChrVIII_A_nidulans_FGSC_A4:1448186-1450313	WT_5hasex	WT_veg	OK	11,6666	48,0843	2,04318	-3,66057	0,000251654	0,00242903	yes
AN11230	ChrIII_A_nidulans_FGSC_A4:1948639-1949402	WT_5hasex	WT_veg	OK	54,6492	165,118	1,59523	-3,11043	0,00186815	0,0131815	yes
AN11238	ChrII_A_nidulans_FGSC_A4:2947006-2947662	WT_5hasex	WT_veg	OK	95,3041	488,397	2,35745	-4,41161	1,02603E-05	0,000147224	yes
AN1124	ChrVIII_A_nidulans_FGSC_A4:1445138-1447273	WT_5hasex	WT_veg	OK	20,7503	78,2029	1,91409	-3,62548	0,000288425	0,00272817	yes
AN11246	ChrIII_A_nidulans_FGSC_A4:3186081-3186951	WT_5hasex	WT_veg	OK	114,186	28,5237	-2,00115	3,73155	0,000190302	0,00190965	yes
AN11250	ChrI_A_nidulans_FGSC_A4:3533196-3534601	WT_5hasex	WT_veg	OK	39,5933	101,433	1,3572	-2,63237	0,00847923	0,0456846	yes
AN11262	ChrVIII_A_nidulans_FGSC_A4:4360413-4360972	WT_5hasex	WT_veg	OK	3,11419	26,7515	3,10269	-3,43548	0,000591514	0,00502829	yes
AN11281	ChrVIII_A_nidulans_FGSC_A4:2469509-2470122	WT_5hasex	WT_veg	OK	63,2932	1081,66	4,09505	-7,65591	1,90958E-14	1,33066E-12	yes
AN11313	ChrVII_A_nidulans_FGSC_A4:1751471-1751953	WT_5hasex	WT_veg	OK	5,67334	141,02	4,63556	-4,91266	8,98477E-07	1,66957E-05	yes
AN11314	ChrVII_A_nidulans_FGSC_A4:1845552-1845959	WT_5hasex	WT_veg	OK	65,7153	839,826	3,67579	-6,04143	1,52753E-09	5,17758E-08	yes
AN11337	ChrVII_A_nidulans_FGSC_A4:3828605-3828956	WT_5hasex	WT_veg	OK	499,551	98,2449	-2,34618	4,49383	6,99533E-06	0,000104734	yes
AN11391	ChrVI_A_nidulans_FGSC_A4:972038-972320	WT_5hasex	WT_veg	OK	16,3877	120,125	2,87384	-3,86254	0,000112213	0,00121417	yes
AN11406	ChrII_A_nidulans_FGSC_A4:3532947-3533230	WT_5hasex	WT_veg	OK	89,7023	355,16	1,98525	-3,3922	0,00069334	0,0057488	yes
AN1142	ChrVIII_A_nidulans_FGSC_A4:1401097-1403018	WT_5hasex	WT_veg	OK	9,96454	30,7791	1,62708	-2,83899	0,00452571	0,0274614	yes
AN11436	ChrIII_A_nidulans_FGSC_A4:2186284-2187531	WT_5hasex	WT_veg	OK	13,8291	59,5384	2,10611	-3,65537	0,000256807	0,00247375	yes
AN11461	ChrIII_A_nidulans_FGSC_A4:12330-12658	WT_5hasex	WT_veg	OK	7,13674	52,8784	2,88934	-3,35941	0,000781081	0,00636063	yes
AN11477	ChrV_A_nidulans_FGSC_A4:2976196-2976863	WT_5hasex	WT_veg	OK	31,0187	48,7788	-2,66881	3,26578	0,00109162	0,00844203	yes
AN1164	ChrVIII_A_nidulans_FGSC_A4:1330956-1332988	WT_5hasex	WT_veg	OK	19,0115	119,413	2,65102	-5,23834	1,62024E-07	3,59154E-06	yes
AN11641	ChrVI_A_nidulans_FGSC_A4:334435-335330	WT_5hasex	WT_veg	OK	8,62783	81,0408	3,23158	-2,8001	0,00510861	0,0302522	yes
AN11699	ChrVI_A_nidulans_FGSC_A4:2049944-2050601	WT_5hasex	WT_veg	OK	29,7953	148,727	2,31951	-3,92439	8,69493E-05	0,000971704	yes
AN11702	ChrVI_A_nidulans_FGSC_A4:1999802-2000736	WT_5hasex	WT_veg	OK	283,344	30,6702	-3,20765	5,96721	2,41352E-09	7,87014E-08	yes
AN11704	ChrVI_A_nidulans_FGSC_A4:1977238-1978206	WT_5hasex	WT_veg	OK	62,4759	180,628	1,53165	-3,06406	0,00218355	0,0150397	yes
AN11705	ChrVI_A_nidulans_FGSC_A4:1885028-1885877	WT_5hasex	WT_veg	OK	4492,04	23171,7	2,36692	-2,79427	0,00520163	0,0307024	yes
AN11714	ChrII_A_nidulans_FGSC_A4:3699849-3700421	WT_5hasex	WT_veg	OK	7,70019	31,396	2,02762	-2,79141	0,00524791	0,0309253	yes
AN11728	ChrII_A_nidulans_FGSC_A4:3333468-3334329	WT_5hasex	WT_veg	OK	116,594	299,64	1,36174	-2,802	0,00507864	0,0301121	yes
AN11729	ChrII_A_nidulans_FGSC_A4:3268177-3269988	WT_5hasex	WT_veg	OK	31,2478	141,614	2,18014	-4,50572	6,61478E-06	9,94057E-05	yes
AN11749	ChrIV_A_nidulans_FGSC_A4:1688014-1689225	WT_5hasex	WT_veg	OK	3,61856	14,6896	2,0213	-2,77509	0,00551858	0,0322165	yes
AN1175	ChrVIII_A_nidulans_FGSC_A4:1294546-1295736	WT_5hasex	WT_veg	OK	18,9086	85,9703	2,1848	-3,87384	0,000107135	0,00116535	yes
AN11753	ChrIV_A_nidulans_FGSC_A4:1889046-1889684	WT_5hasex	WT_veg	OK	13,7775	47,0791	1,77277	-2,64083	0,00827028	0,0447798	yes
AN11762	ChrIV_A_nidulans_FGSC_A4:2109647-2110283	WT_5hasex	WT_veg	OK	0,920184	6,81716	2,88918	-2,75351	0,00589594	0,0339916	yes
AN11766	ChrIII_A_nidulans_FGSC_A4:742249-742726	WT_5hasex	WT_veg	OK	32,1795	331,597	3,36522	-5,74894	8,98034E-09	2,62605E-07	yes
AN11773	ChrIII_A_nidulans_FGSC_A4:324341-326703	WT_5hasex	WT_veg	OK	6,66585	47,0193	2,81839	-4,7887	1,67863E-06	2,93506E-05	yes
AN11788	ChrV_A_nidulans_FGSC_A4:1954108-1955225	WT_5hasex	WT_veg	OK	32,0786	89,0504	1,47301	-2,85474	0,00430716	0,0263673	yes
AN11801	ChrVII_A_nidulans_FGSC_A4:2354721-2355300	WT_5hasex	WT_veg	OK	29,8789	188,389	2,65651	-4,51527	6,3237E-06	9,55797E-05	yes
AN11815	ChrV_A_nidulans_FGSC_A4:2567602-2568475	WT_5hasex	WT_veg	OK	17,861	63,5846	1,83186	-3,14639	0,001653	0,01191	yes
AN11843	ChrVIII_A_nidulans_FGSC_A4:1403201-1403504	WT_5hasex	WT_veg	OK	19,843	137,476	2,79248	-4,1099	3,95833E-05	0,000488517	yes

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AN11846	ChrVIII_A_nidulans_FGSC_A4:4460858-4462628	WT_5hasex	WT_veg	OK	0	35,2681	1.79769e+308	1.79769e+308	0,00418287	0,0257246	yes
AN1185	ChrVIII_A_nidulans_FGSC_A4:1259131-1260785	WT_5hasex	WT_veg	OK	0,537143	4,32197	3,00831	-2,88342	0,00393383	0,024459	yes
AN11852	Chrl_A_nidulans_FGSC_A4:755058-755508	WT_5hasex	WT_veg	OK	2,93671	21,8758	2,89706	-3,29963	0,00096814	0,00763956	yes
AN11854	Chrl_A_nidulans_FGSC_A4:566795-567470	WT_5hasex	WT_veg	OK	21,7838	67,3911	1,6293	-2,69328	0,00707523	0,0394421	yes
AN11858	Chrl_A_nidulans_FGSC_A4:377039-378804	WT_5hasex	WT_veg	OK	21,0424	63,1311	1,58505	-3,10179	0,00192355	0,0135063	yes
AN11861	ChrVII_A_nidulans_FGSC_A4:2725681-2726940	WT_5hasex	WT_veg	OK	11,0091	67,3523	2,61302	-4,2567	2,07466E-05	0,00027537	yes
AN11862	ChrVII_A_nidulans_FGSC_A4:2727139-2727796	WT_5hasex	WT_veg	OK	83,2586	351,986	2,07985	-4,19596	2,71721E-05	0,000351054	yes
AN11866	ChrVII_A_nidulans_FGSC_A4:2929502-2929845	WT_5hasex	WT_veg	OK	150,668	638,693	2,08375	-4,01378	5,97552E-05	0,00069973	yes
AN11869	ChrVII_A_nidulans_FGSC_A4:2972366-2972924	WT_5hasex	WT_veg	OK	2,0451	38,9825	4,25258	-4,58429	4,55542E-06	0,000071123	yes
AN11874	ChrV_A_nidulans_FGSC_A4:523442-528619	WT_5hasex	WT_veg	OK	11,0952	50,2712	2,17979	-3,77386	0,000160744	0,00165153	yes
AN1188	ChrVIII_A_nidulans_FGSC_A4:1251198-1252898	WT_5hasex	WT_veg	OK	38,1617	121,694	1,67306	-3,3968	0,000681794	0,00566561	yes
AN11882	ChrVII_A_nidulans_FGSC_A4:1389343-1389640	WT_5hasex	WT_veg	OK	52,3096	289,417	2,468	-3,78935	0,000151043	0,00156268	yes
AN11891	ChrVIII_A_nidulans_FGSC_A4:1969625-1971535	WT_5hasex	WT_veg	OK	102,748	271,577	1,40225	-2,86465	0,00417471	0,0256885	yes
AN11892	ChrVIII_A_nidulans_FGSC_A4:1965381-1968633	WT_5hasex	WT_veg	OK	9,89608	30,5133	1,62451	-3,13009	0,00174751	0,0124886	yes
AN11903	Chrl_A_nidulans_FGSC_A4:3041301-3043188	WT_5hasex	WT_veg	OK	23,5954	7,35223	-1,68225	3,15758	0,00159087	0,0115388	yes
AN11908	Chrl_A_nidulans_FGSC_A4:3205654-3206692	WT_5hasex	WT_veg	OK	6,99993	29,5914	2,07976	-3,06597	0,00216964	0,0149596	yes
AN1192	ChrVIII_A_nidulans_FGSC_A4:1236531-1237645	WT_5hasex	WT_veg	OK	42,0325	129,386	1,62211	-3,22497	0,00125986	0,00949643	yes
AN11929	ChrVI_A_nidulans_FGSC_A4:457942-458945	WT_5hasex	WT_veg	OK	20,6751	83,798	2,01902	-3,56685	0,000361294	0,00329433	yes
AN11931	ChrVI_A_nidulans_FGSC_A4:334435-335330	WT_5hasex	WT_veg	OK	174,159	651,603	1,90359	-3,81927	0,000133847	0,00141551	yes
AN11935	ChrVIII_A_nidulans_FGSC_A4:1007746-1008288	WT_5hasex	WT_veg	OK	21,3266	80,0749	1,90869	-2,98712	0,0028162	0,0185372	yes
AN11936	ChrVIII_A_nidulans_FGSC_A4:980372-982022	WT_5hasex	WT_veg	OK	266,159	810,01	1,60565	-2,87676	0,00401781	0,0248779	yes
AN11955	ChrV_A_nidulans_FGSC_A4:3127392-3127890	WT_5hasex	WT_veg	OK	6,01141	24,529	2,02871	-2,66076	0,00779644	0,0426951	yes
AN11961	ChrVII_A_nidulans_FGSC_A4:4246262-4246589	WT_5hasex	WT_veg	OK	58,1527	210,1	1,85316	-2,96306	0,00304593	0,0198006	yes
AN11977	ChrlII_A_nidulans_FGSC_A4:1181861-1183279	WT_5hasex	WT_veg	OK	79,1338	648,177	3,03402	-6,0566	1,39025E-09	4,76467E-08	yes
AN11979	Chrl_A_nidulans_FGSC_A4:3216293-3217403	WT_5hasex	WT_veg	OK	15,1243	2,05394	-2,8804	3,06796	0,00215527	0,0148762	yes
AN1198	ChrVIII_A_nidulans_FGSC_A4:1222456-1224125	WT_5hasex	WT_veg	OK	44,4699	188,587	2,08433	-4,09024	0,000043093	0,00052676	yes
AN1199	ChrVIII_A_nidulans_FGSC_A4:1219701-1221982	WT_5hasex	WT_veg	OK	78,7854	921,999	3,54876	-7,06456	1,61138E-12	8,72308E-11	yes
AN11990	Chrl_A_nidulans_FGSC_A4:3521598-3522063	WT_5hasex	WT_veg	OK	13,3974	63,2495	2,2391	-2,66271	0,00775132	0,0425013	yes
AN1200	ChrVIII_A_nidulans_FGSC_A4:1214952-1218567	WT_5hasex	WT_veg	OK	36,5795	170,844	2,22357	-4,60763	4,07275E-06	6,43026E-05	yes
AN12017	Chrl_A_nidulans_FGSC_A4:1355036-1357737	WT_5hasex	WT_veg	OK	66,9896	164,553	1,29654	-2,68299	0,00729661	0,0404825	yes
AN1204	ChrVIII_A_nidulans_FGSC_A4:1202132-1202696	WT_5hasex	WT_veg	OK	179,646	496,017	1,46523	-2,89434	0,00379961	0,023811	yes
AN12042	ChrlI_A_nidulans_FGSC_A4:2338481-2339868	WT_5hasex	WT_veg	OK	7,62946	26,3185	1,78643	-2,80015	0,00510784	0,030251	yes
AN12056	ChrVII_A_nidulans_FGSC_A4:768926-770138	WT_5hasex	WT_veg	OK	37,118	155,868	2,07013	-3,99381	6,50187E-05	0,000753118	yes
AN12057	ChrlV_A_nidulans_FGSC_A4:1435522-1437901	WT_5hasex	WT_veg	OK	54,5634	248,878	2,18943	-4,5536	5,27356E-06	8,12779E-05	yes
AN12058	ChrlV_A_nidulans_FGSC_A4:1430221-1432565	WT_5hasex	WT_veg	OK	18,0636	70,5602	1,96577	-3,90054	9,59783E-05	0,0010575	yes
AN12078	ChrlII_A_nidulans_FGSC_A4:2952850-2956968	WT_5hasex	WT_veg	OK	0	7,8625	1.79769e+308	1.79769e+308	0,00489369	0,0292338	yes
AN1208	ChrVIII_A_nidulans_FGSC_A4:1191944-1193670	WT_5hasex	WT_veg	OK	22,2075	65,1035	1,55169	-3,04999	0,00228845	0,0156064	yes
AN12082	ChrlII_A_nidulans_FGSC_A4:2833546-2835297	WT_5hasex	WT_veg	OK	0,52103	8,04539	3,94873	-4,14057	3,46444E-05	0,000434959	yes
AN12084	ChrlV_A_nidulans_FGSC_A4:2627025-2628218	WT_5hasex	WT_veg	OK	745,566	3140,25	2,07447	-3,54732	0,000389174	0,00351007	yes
AN12085	ChrlV_A_nidulans_FGSC_A4:2638972-2639537	WT_5hasex	WT_veg	OK	213,225	1522,54	2,83603	-5,89569	3,73109E-09	1,17781E-07	yes
AN12088	ChrlV_A_nidulans_FGSC_A4:2710082-2711681	WT_5hasex	WT_veg	OK	26,1753	217,786	3,05663	-5,41975	5,96833E-08	1,46557E-06	yes
AN12098	ChrlI_A_nidulans_FGSC_A4:1969415-1970357	WT_5hasex	WT_veg	OK	3,05058	15,2127	2,31812	-3,05356	0,00226143	0,0154741	yes
AN12102	ChrlI_A_nidulans_FGSC_A4:1865795-1866803	WT_5hasex	WT_veg	OK	89,9468	334,532	1,895	-3,38129	0,000721474	0,00594725	yes
AN12106	ChrlI_A_nidulans_FGSC_A4:1643483-1644133	WT_5hasex	WT_veg	OK	20,1902	68,1124	1,75426	-2,75485	0,00587196	0,0338954	yes
AN12119	ChrVII_A_nidulans_FGSC_A4:3822324-3823038	WT_5hasex	WT_veg	OK	218,356	40,2959	-2,43798	4,49093	7,09117E-06	0,000106048	yes
AN1212	ChrVIII_A_nidulans_FGSC_A4:1182971-1185209	WT_5hasex	WT_veg	OK	17,5708	88,9727	2,34018	-4,53289	5,81817E-06	8,86547E-05	yes

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AN12120	ChrVII_A_nidulans_FGSC_A4:3839406-3839796	WT_5hasex	WT_veg	OK	60,0039	221,627	1,885	-3,2852	0,00101912	0,00798143	yes
AN12130	ChrVII_A_nidulans_FGSC_A4:65286-65976	WT_5hasex	WT_veg	OK	1,33373	9,05972	2,764	-2,78505	0,00535198	0,0313918	yes
AN12149	ChrIV_A_nidulans_FGSC_A4:770762-772266	WT_5hasex	WT_veg	OK	52,9296	179,825	1,76445	-3,52764	0,000419289	0,00374112	yes
AN1215	ChrVIII_A_nidulans_FGSC_A4:1174664-1176601	WT_5hasex	WT_veg	OK	29,2224	177,795	2,60507	-5,04588	4,51433E-07	9,04281E-06	yes
AN12150	ChrIV_A_nidulans_FGSC_A4:753001-754115	WT_5hasex	WT_veg	OK	2,75599	32,6069	3,56453	-3,53213	0,00041223	0,00369007	yes
AN12169	ChrII_A_nidulans_FGSC_A4:944340-946173	WT_5hasex	WT_veg	OK	82,3823	333,452	2,01707	-4,00843	0,000061123	0,000714152	yes
AN12171	ChrII_A_nidulans_FGSC_A4:999810-1002123	WT_5hasex	WT_veg	OK	43,2124	113,312	1,39078	-2,66699	0,00765338	0,0420804	yes
AN12177	ChrII_A_nidulans_FGSC_A4:2840577-2840975	WT_5hasex	WT_veg	OK	28,717	151,689	2,40114	-3,68043	0,000232841	0,00226959	yes
AN12178	ChrII_A_nidulans_FGSC_A4:2744986-2745946	WT_5hasex	WT_veg	OK	1,25047	9,6275	2,94469	-2,97135	0,00296491	0,0193604	yes
AN12198	ChrVII_A_nidulans_FGSC_A4:3092496-3093320	WT_5hasex	WT_veg	OK	571,353	4966,41	3,11975	-5,34406	9,08876E-08	2,13957E-06	yes
AN12203	ChrII_A_nidulans_FGSC_A4:1291569-1292931	WT_5hasex	WT_veg	OK	19,3369	60,7476	1,65147	-3,0673	0,00216003	0,0149028	yes
AN12206	ChrII_A_nidulans_FGSC_A4:1311063-1312234	WT_5hasex	WT_veg	OK	7,52314	72,3342	3,26527	-5,06398	4,10602E-07	8,29467E-06	yes
AN12209	ChrVIII_A_nidulans_FGSC_A4:715103-717404	WT_5hasex	WT_veg	OK	32,5961	131,154	2,00849	-3,48744	0,000487666	0,0042584	yes
AN12216	ChrVIII_A_nidulans_FGSC_A4:2637039-2640269	WT_5hasex	WT_veg	OK	19,4642	88,3634	2,18263	-4,40414	1,06206E-05	0,000151605	yes
AN12221	ChrIII_A_nidulans_FGSC_A4:1036067-1036865	WT_5hasex	WT_veg	OK	94,866	368,314	1,95697	-4,06226	4,86008E-05	0,000584257	yes
AN12229	ChrIII_A_nidulans_FGSC_A4:2139838-2140904	WT_5hasex	WT_veg	OK	223,321	563,837	1,33616	-2,70662	0,00679712	0,0382581	yes
AN12236	ChrVII_A_nidulans_FGSC_A4:4015953-4017869	WT_5hasex	WT_veg	OK	5,57848	19,0971	1,77541	-2,88603	0,00390129	0,0242903	yes
AN12261	ChrI_A_nidulans_FGSC_A4:1647545-1648228	WT_5hasex	WT_veg	OK	6,06505	26,9572	2,15208	-2,90682	0,00365127	0,0230328	yes
AN12277	ChrVII_A_nidulans_FGSC_A4:437059-438494	WT_5hasex	WT_veg	OK	0,138087	4,50668	5,02842	-3,27181	0,00106862	0,00829103	yes
AN1229	ChrVIII_A_nidulans_FGSC_A4:1129002-1129886	WT_5hasex	WT_veg	OK	60,4459	212,794	1,81574	-3,63002	0,000283395	0,00268835	yes
AN12290	ChrIV_A_nidulans_FGSC_A4:1078232-1079255	WT_5hasex	WT_veg	OK	26,1466	86,6483	1,72855	-3,19557	0,00139555	0,0103358	yes
AN12291	ChrIV_A_nidulans_FGSC_A4:1076575-1077727	WT_5hasex	WT_veg	OK	1,86058	8,65197	2,21728	-2,82093	0,0047885	0,0287464	yes
AN12305	ChrVII_A_nidulans_FGSC_A4:1831726-1833143	WT_5hasex	WT_veg	OK	153,348	404,932	1,40087	-2,87791	0,00400319	0,0248078	yes
AN12307	ChrVII_A_nidulans_FGSC_A4:1867273-1867855	WT_5hasex	WT_veg	OK	7,2915	36,6959	2,33133	-3,11106	0,00186418	0,01316	yes
AN1231	ChrVIII_A_nidulans_FGSC_A4:1125059-1127170	WT_5hasex	WT_veg	OK	6,48451	30,8423	2,24984	-3,76803	0,000164542	0,00168405	yes
AN12319	ChrVII_A_nidulans_FGSC_A4:2473417-2473702	WT_5hasex	WT_veg	OK	63,0267	242,846	1,94601	-3,32122	0,00089625	0,0071677	yes
AN1232	ChrVIII_A_nidulans_FGSC_A4:1121680-1124156	WT_5hasex	WT_veg	OK	18,737	55,4279	1,56472	-3,11208	0,00185772	0,0131246	yes
AN1233	ChrVIII_A_nidulans_FGSC_A4:1117981-1120735	WT_5hasex	WT_veg	OK	7,56989	22,3284	1,56054	-2,77904	0,00545195	0,0318747	yes
AN12331	ChrIV_A_nidulans_FGSC_A4:2825115-2832711	WT_5hasex	WT_veg	OK	5,72154	0,241462	-4,56653	5,42499	5,79586E-08	1,42656E-06	yes
AN12336	ChrVII_A_nidulans_FGSC_A4:3371554-3372059	WT_5hasex	WT_veg	OK	87,7318	273,541	1,64059	-3,06727	0,00216026	0,0149028	yes
AN12354	ChrII_A_nidulans_FGSC_A4:3834494-3835773	WT_5hasex	WT_veg	OK	3,65667	20,8234	2,5096	-3,28797	0,00100913	0,00791266	yes
AN12355	ChrII_A_nidulans_FGSC_A4:3834091-3834421	WT_5hasex	WT_veg	OK	3,77993	20,3615	2,42941	-2,66884	0,00761128	0,0418824	yes
AN1236	ChrVIII_A_nidulans_FGSC_A4:1110128-1111816	WT_5hasex	WT_veg	OK	5,97787	25,7092	2,10458	-3,1955	0,00139588	0,0103358	yes
AN12364	ChrIII_A_nidulans_FGSC_A4:2656018-2656938	WT_5hasex	WT_veg	OK	53,3516	141,525	1,40746	-2,78921	0,00528373	0,0310868	yes
AN12388	ChrII_A_nidulans_FGSC_A4:2706241-2707144	WT_5hasex	WT_veg	OK	1,92345	9,58421	2,31697	-2,78598	0,00533669	0,0313267	yes
AN12389	ChrII_A_nidulans_FGSC_A4:2703847-2705300	WT_5hasex	WT_veg	OK	38,6882	173,029	2,16105	-4,38414	1,16445E-05	0,000164296	yes
AN12419	ChrVIII_A_nidulans_FGSC_A4:2653427-2654216	WT_5hasex	WT_veg	OK	17,3312	118,6	2,77466	-4,63334	3,59818E-06	5,76435E-05	yes
AN12426	ChrII_A_nidulans_FGSC_A4:1084855-1087570	WT_5hasex	WT_veg	OK	67,0261	608,625	3,18276	-5,97153	2,35045E-09	7,67882E-08	yes
AN12429	ChrVIII_A_nidulans_FGSC_A4:712578-714609	WT_5hasex	WT_veg	OK	8,4831	31,0844	1,87353	-3,16059	0,00157449	0,0114417	yes
AN1243	ChrVIII_A_nidulans_FGSC_A4:1070769-1072702	WT_5hasex	WT_veg	OK	35,5353	164,355	2,20949	-4,00271	6,26214E-05	0,000729544	yes
AN12441	ChrI_A_nidulans_FGSC_A4:1156959-1158070	WT_5hasex	WT_veg	OK	21,3863	1,45735	-3,87526	3,658	0,000254189	0,00245033	yes
AN1245	ChrVIII_A_nidulans_FGSC_A4:1065602-1066336	WT_5hasex	WT_veg	OK	200,999	490,972	1,28845	-2,62172	0,00874864	0,0468711	yes
AN12450	ChrII_A_nidulans_FGSC_A4:3886421-3888378	WT_5hasex	WT_veg	OK	15,75	73,4739	2,22188	-2,84908	0,00438458	0,0267755	yes
AN12460	ChrVI_A_nidulans_FGSC_A4:3302000-3303031	WT_5hasex	WT_veg	OK	2,79091	16,6078	2,57305	-3,44222	0,000576955	0,00492324	yes
AN1247	ChrVIII_A_nidulans_FGSC_A4:1061301-1063099	WT_5hasex	WT_veg	OK	237,806	686,18	1,5288	-3,04787	0,00230467	0,0157047	yes
AN1250	ChrVIII_A_nidulans_FGSC_A4:1052986-1055356	WT_5hasex	WT_veg	OK	392,606	1604,58	2,03105	-3,40245	0,000667843	0,00556291	yes

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AN1255	ChrVIII_A_nidulans_FGSC_A4:1034807-1039412	WT_5hasex	WT_veg	OK	13,289	33,8016	1,34686	-2,75754	0,00582384	0,033684	yes
AN1256	ChrVIII_A_nidulans_FGSC_A4:1031188-1033836	WT_5hasex	WT_veg	OK	38,0099	129,265	1,76589	-3,68492	0,000228774	0,00223703	yes
AN1260	ChrVIII_A_nidulans_FGSC_A4:1020319-1021925	WT_5hasex	WT_veg	OK	23,2869	78,206	1,74776	-3,43229	0,0005985	0,0050765	yes
AN1262	ChrVIII_A_nidulans_FGSC_A4:1017038-1018365	WT_5hasex	WT_veg	OK	769,982	114,913	-2,74429	4,81039	1,50635E-06	2,65688E-05	yes
AN1269	ChrVIII_A_nidulans_FGSC_A4:992774-994042	WT_5hasex	WT_veg	OK	22,7739	85,4703	1,90804	-3,44907	0,000562516	0,00481649	yes
AN1274	ChrVIII_A_nidulans_FGSC_A4:978827-980022	WT_5hasex	WT_veg	OK	322,616	2486,76	2,94638	-5,07568	3,86118E-07	7,85151E-06	yes
AN1278	ChrVIII_A_nidulans_FGSC_A4:971843-972256	WT_5hasex	WT_veg	OK	1267,06	10433,6	3,04168	-5,50498	3,69204E-08	9,45601E-07	yes
AN1281	ChrVIII_A_nidulans_FGSC_A4:960247-963741	WT_5hasex	WT_veg	OK	27,9348	72,7245	1,38038	-2,75716	0,00583059	0,0337123	yes
AN1288	ChrVIII_A_nidulans_FGSC_A4:940361-942563	WT_5hasex	WT_veg	OK	20,0579	127,777	2,67139	-5,37373	7,71231E-08	1,84119E-06	yes
AN1295	ChrVIII_A_nidulans_FGSC_A4:921410-922697	WT_5hasex	WT_veg	OK	44,2768	130,78	1,56252	-2,93316	0,00335536	0,0214895	yes
AN1305	ChrVIII_A_nidulans_FGSC_A4:883521-884274	WT_5hasex	WT_veg	OK	15,9627	62,3858	1,96651	-3,147	0,00164957	0,0118885	yes
AN1319	ChrVIII_A_nidulans_FGSC_A4:844695-845477	WT_5hasex	WT_veg	OK	230,887	668,218	1,53313	-3,10572	0,00189816	0,0133603	yes
AN1320	ChrVIII_A_nidulans_FGSC_A4:842396-843226	WT_5hasex	WT_veg	OK	0,233046	5,11311	4,45552	-2,85625	0,0042868	0,0262672	yes
AN1322	ChrVIII_A_nidulans_FGSC_A4:832620-835047	WT_5hasex	WT_veg	OK	5,08042	25,9708	2,35387	-3,34408	0,000825569	0,00666983	yes
AN1327	ChrVIII_A_nidulans_FGSC_A4:814378-816520	WT_5hasex	WT_veg	OK	22,7168	60,5561	1,41451	-2,85537	0,00429865	0,0263275	yes
AN1330	ChrVIII_A_nidulans_FGSC_A4:807568-809159	WT_5hasex	WT_veg	OK	279,42	1001,78	1,84206	-3,53213	0,000412229	0,00369007	yes
AN1331	ChrVIII_A_nidulans_FGSC_A4:805457-806747	WT_5hasex	WT_veg	OK	219,004	597,112	1,44704	-2,91274	0,00358273	0,0226824	yes
AN1336	ChrVIII_A_nidulans_FGSC_A4:797652-799143	WT_5hasex	WT_veg	OK	19,1964	96,2553	2,32603	-4,43559	9,18212E-06	0,000133471	yes
AN1340	ChrVIII_A_nidulans_FGSC_A4:784810-785833	WT_5hasex	WT_veg	OK	83,44	212,384	1,34786	-2,77058	0,0055957	0,0325734	yes
AN1342	ChrVIII_A_nidulans_FGSC_A4:781191-782595	WT_5hasex	WT_veg	OK	66,5877	306,972	2,20478	-4,63054	3,64711E-06	5,83381E-05	yes
AN1344	ChrVIII_A_nidulans_FGSC_A4:776444-778021	WT_5hasex	WT_veg	OK	31,3768	108,517	1,79015	-3,59173	0,000328484	0,00304013	yes
AN1348	ChrVIII_A_nidulans_FGSC_A4:772047-772896	WT_5hasex	WT_veg	OK	80,1832	198,291	1,30624	-2,64332	0,00820974	0,0444842	yes
AN1350	ChrVIII_A_nidulans_FGSC_A4:766239-766842	WT_5hasex	WT_veg	OK	31,1112	111,967	1,84757	-3,26607	0,00109051	0,00843599	yes
AN1354	ChrVIII_A_nidulans_FGSC_A4:757332-759693	WT_5hasex	WT_veg	OK	13,6314	91,3092	2,74383	-5,16894	2,35425E-07	5,02925E-06	yes
AN1355	ChrVIII_A_nidulans_FGSC_A4:755292-756651	WT_5hasex	WT_veg	OK	18,8803	57,5758	1,60859	-2,91036	0,00361008	0,022817	yes
AN1357	ChrVIII_A_nidulans_FGSC_A4:750361-752626	WT_5hasex	WT_veg	OK	73,0313	305,404	2,06413	-4,24347	0,000022009	0,000290069	yes
AN1359	ChrVIII_A_nidulans_FGSC_A4:743599-746479	WT_5hasex	WT_veg	OK	9,82266	26,6386	1,43933	-2,7236	0,00645741	0,0367023	yes
AN1361	ChrVIII_A_nidulans_FGSC_A4:739952-742094	WT_5hasex	WT_veg	OK	11,2381	56,7845	2,33709	-3,24031	0,00119399	0,00909018	yes
AN1364	ChrVIII_A_nidulans_FGSC_A4:736423-739616	WT_5hasex	WT_veg	OK	39,3633	227,939	2,53373	-4,46647	7,95192E-06	0,000117214	yes
AN1365	ChrVIII_A_nidulans_FGSC_A4:735061-735878	WT_5hasex	WT_veg	OK	112,6	297,089	1,39968	-2,76957	0,00561295	0,032663	yes
AN1366	ChrVIII_A_nidulans_FGSC_A4:732540-734863	WT_5hasex	WT_veg	OK	21,8851	72,6888	1,73178	-3,49155	0,000480224	0,00420463	yes
AN1378	ChrVIII_A_nidulans_FGSC_A4:690136-691514	WT_5hasex	WT_veg	OK	2223,89	414,849	-2,42242	3,49168	0,000479986	0,00420395	yes
AN1391	ChrVIII_A_nidulans_FGSC_A4:655702-658835	WT_5hasex	WT_veg	OK	18,7386	54,2758	1,5343	-3,13809	0,00170053	0,0121919	yes
AN1393	ChrVIII_A_nidulans_FGSC_A4:653641-654217	WT_5hasex	WT_veg	OK	83,2996	323,598	1,95782	-3,88094	0,000104053	0,00113572	yes
AN1404	ChrVIII_A_nidulans_FGSC_A4:616201-617573	WT_5hasex	WT_veg	OK	41,4199	106,065	1,35655	-2,72379	0,00645374	0,0367023	yes
AN1411	ChrVII_A_nidulans_FGSC_A4:702310-702889	WT_5hasex	WT_veg	OK	46,3409	153,156	1,72465	-2,95851	0,00309129	0,0200408	yes
AN1412	ChrVII_A_nidulans_FGSC_A4:702996-704913	WT_5hasex	WT_veg	OK	29,847	77,1333	1,36977	-2,75284	0,00590813	0,0340554	yes
AN1421	ChrVII_A_nidulans_FGSC_A4:731303-732944	WT_5hasex	WT_veg	OK	6,64204	47,5423	2,83951	-4,61395	3,95079E-06	6,26033E-05	yes
AN1423	ChrVII_A_nidulans_FGSC_A4:735177-736785	WT_5hasex	WT_veg	OK	13,301	55,9674	2,07305	-3,60303	0,000314532	0,00293515	yes
AN1426	ChrVII_A_nidulans_FGSC_A4:747536-749625	WT_5hasex	WT_veg	OK	135,722	43,1237	-1,6541	2,64355	0,00820428	0,0444592	yes
AN1430	ChrVII_A_nidulans_FGSC_A4:757763-759372	WT_5hasex	WT_veg	OK	59,6504	143,91	1,27056	-2,65881	0,00784163	0,0428977	yes
AN1434	ChrVII_A_nidulans_FGSC_A4:765967-768761	WT_5hasex	WT_veg	OK	10,3952	125,581	3,59462	-6,82758	8,63576E-12	4,15166E-10	yes
AN1438	ChrVII_A_nidulans_FGSC_A4:781905-783674	WT_5hasex	WT_veg	OK	31,4841	136,54	2,11663	-3,78262	0,000155189	0,0016002	yes
AN1448	ChrVII_A_nidulans_FGSC_A4:809435-811549	WT_5hasex	WT_veg	OK	19,8074	65,7294	1,7305	-3,47917	0,000502977	0,0043746	yes
AN1452	ChrVII_A_nidulans_FGSC_A4:819518-821241	WT_5hasex	WT_veg	OK	16,822	91,3971	2,4418	-4,62141	3,8114E-06	6,06515E-05	yes
AN1467	ChrVII_A_nidulans_FGSC_A4:873483-875185	WT_5hasex	WT_veg	OK	20,7011	251,018	3,60001	-7,02618	2,12275E-12	1,12157E-10	yes

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AN1468	ChrVII_A_nidulans_FGSC_A4:875825-877581	WT_5hasex	WT_veg	OK	21,8062	112,267	2,36412	-4,6342	3,58321E-06	5,75092E-05	yes
AN1469	ChrVII_A_nidulans_FGSC_A4:877974-878814	WT_5hasex	WT_veg	OK	85,6008	298,41	1,8016	-3,72796	0,000193036	0,00193301	yes
AN1474	ChrVII_A_nidulans_FGSC_A4:890324-891557	WT_5hasex	WT_veg	OK	7,75106	47,0378	2,60136	-4,00572	6,18285E-05	0,000721589	yes
AN1480	ChrVII_A_nidulans_FGSC_A4:918483-919251	WT_5hasex	WT_veg	OK	22,264	94,7046	2,08872	-3,4817	0,000498244	0,00434065	yes
AN1500	ChrVII_A_nidulans_FGSC_A4:981315-983757	WT_5hasex	WT_veg	OK	43,2033	333,869	2,95007	-6,12526	9,05376E-10	3,23847E-08	yes
AN1514	ChrVII_A_nidulans_FGSC_A4:1025428-1027168	WT_5hasex	WT_veg	OK	15,4555	67,0238	2,11656	-3,84112	0,000122473	0,00131137	yes
AN1517	ChrVII_A_nidulans_FGSC_A4:1045668-1047220	WT_5hasex	WT_veg	OK	16,5182	65,4776	1,98695	-3,66621	0,000246173	0,0023827	yes
AN1518	ChrVII_A_nidulans_FGSC_A4:1047403-1051430	WT_5hasex	WT_veg	OK	44,9385	174,88	1,96034	-4,03044	5,56721E-05	0,000657344	yes
AN1520	ChrVII_A_nidulans_FGSC_A4:1056691-1058706	WT_5hasex	WT_veg	OK	20,6	57,4056	1,47855	-2,92777	0,00341399	0,0218038	yes
AN1524	ChrVII_A_nidulans_FGSC_A4:1065761-1067258	WT_5hasex	WT_veg	OK	57,4116	195,598	1,76848	-3,46742	0,000525471	0,0045401	yes
AN1527	ChrVII_A_nidulans_FGSC_A4:1069649-1070576	WT_5hasex	WT_veg	OK	94,0659	417,912	2,15146	-4,45032	8,57434E-06	0,000125436	yes
AN1533	ChrVII_A_nidulans_FGSC_A4:1081260-1084203	WT_5hasex	WT_veg	OK	9,45193	46,6972	2,30465	-3,98792	6,66563E-05	0,000770045	yes
AN1538	ChrVII_A_nidulans_FGSC_A4:1100109-1101380	WT_5hasex	WT_veg	OK	42,3845	157,039	1,88952	-3,80353	0,00014265	0,00149026	yes
AN1561	ChrVII_A_nidulans_FGSC_A4:1178205-1178930	WT_5hasex	WT_veg	OK	40,6188	133,12	1,71251	-3,12231	0,00179436	0,0127513	yes
AN1563	ChrVII_A_nidulans_FGSC_A4:1186320-1187620	WT_5hasex	WT_veg	OK	24,557	73,5525	1,58264	-2,67895	0,00738536	0,040871	yes
AN1578	ChrVII_A_nidulans_FGSC_A4:1234012-1236860	WT_5hasex	WT_veg	OK	11,0451	31,8161	1,52634	-2,89777	0,00375823	0,0235882	yes
AN1579	ChrVII_A_nidulans_FGSC_A4:1239132-1240691	WT_5hasex	WT_veg	OK	1,06071	6,24402	2,55744	-2,88947	0,00385898	0,0240851	yes
AN1586	ChrVII_A_nidulans_FGSC_A4:1259975-1262157	WT_5hasex	WT_veg	OK	3,37609	13,8852	2,04012	-2,66284	0,00774849	0,0424946	yes
AN1593	ChrVII_A_nidulans_FGSC_A4:1282755-1284065	WT_5hasex	WT_veg	OK	12,6888	2,71733	-2,2233	3,05001	0,00228837	0,0156064	yes
AN1607	ChrVII_A_nidulans_FGSC_A4:1330933-1334130	WT_5hasex	WT_veg	OK	51,4035	172,496	1,74662	-3,49128	0,000480712	0,00420749	yes
AN1610	ChrVII_A_nidulans_FGSC_A4:1346095-1347242	WT_5hasex	WT_veg	OK	22,9476	79,2664	1,78837	-3,27559	0,00105441	0,00820268	yes
AN1621	ChrVII_A_nidulans_FGSC_A4:1379569-1380184	WT_5hasex	WT_veg	OK	39,7936	166,021	2,06076	-3,77874	0,000157622	0,0016221	yes
AN1625	ChrVII_A_nidulans_FGSC_A4:1396317-1398642	WT_5hasex	WT_veg	OK	18,3481	125,859	2,77811	-5,46525	4,62243E-08	1,15841E-06	yes
AN1640	ChrVII_A_nidulans_FGSC_A4:1445840-1448327	WT_5hasex	WT_veg	OK	4,26011	20,5987	2,27359	-3,32995	0,000868626	0,00697697	yes
AN1646	ChrVII_A_nidulans_FGSC_A4:1467425-1471573	WT_5hasex	WT_veg	OK	123,658	45,6939	-1,43628	2,82515	0,00472587	0,0284388	yes
AN1647	ChrVII_A_nidulans_FGSC_A4:1472952-1474294	WT_5hasex	WT_veg	OK	51,346	16,6154	-1,62773	3,1165	0,00183015	0,0129582	yes
AN1662	ChrVII_A_nidulans_FGSC_A4:1541113-1541869	WT_5hasex	WT_veg	OK	107,795	638,328	2,56601	-5,29291	1,20382E-07	2,7475E-06	yes
AN1666	ChrVII_A_nidulans_FGSC_A4:1553756-1556325	WT_5hasex	WT_veg	OK	34,5578	306,509	3,14885	-6,26695	3,68194E-10	1,39914E-08	yes
AN1667	ChrVII_A_nidulans_FGSC_A4:1556578-1557527	WT_5hasex	WT_veg	OK	88,5929	310,056	1,80727	-3,685	0,000228701	0,00223673	yes
AN1669	ChrVII_A_nidulans_FGSC_A4:1559119-1560987	WT_5hasex	WT_veg	OK	11,3252	55,2464	2,28634	-4,13908	3,48707E-05	0,000437361	yes
AN1677	ChrVII_A_nidulans_FGSC_A4:1585069-1586506	WT_5hasex	WT_veg	OK	165,321	857,87	2,37549	-4,62789	3,69417E-06	5,89471E-05	yes
AN1682	ChrVII_A_nidulans_FGSC_A4:1600070-1600901	WT_5hasex	WT_veg	OK	76,793	321,369	2,06518	-4,22957	2,34135E-05	0,000306576	yes
AN1709	ChrVII_A_nidulans_FGSC_A4:1682441-1684209	WT_5hasex	WT_veg	OK	40,415	129,99	1,68544	-3,38961	0,000699911	0,00579503	yes
AN1711	ChrVII_A_nidulans_FGSC_A4:1688017-1689649	WT_5hasex	WT_veg	OK	59,5851	221,003	1,89104	-3,86898	0,00010929	0,00118645	yes
AN1714	ChrVII_A_nidulans_FGSC_A4:1695241-1696003	WT_5hasex	WT_veg	OK	30,9785	84,7107	1,45128	-2,63566	0,00839733	0,0452946	yes
AN1736	ChrVII_A_nidulans_FGSC_A4:1752175-1754179	WT_5hasex	WT_veg	OK	4,36424	14,974	1,77865	-2,78375	0,00537352	0,0314864	yes
AN1745	ChrVII_A_nidulans_FGSC_A4:1774497-1776118	WT_5hasex	WT_veg	OK	39,3856	110,39	1,48687	-3,06094	0,00220643	0,0151674	yes
AN1747	ChrVII_A_nidulans_FGSC_A4:1784748-1785622	WT_5hasex	WT_veg	OK	32,3355	210,555	2,703	-4,68581	2,78852E-06	4,60379E-05	yes
AN1750	ChrVII_A_nidulans_FGSC_A4:1793014-1795427	WT_5hasex	WT_veg	OK	9,07116	38,4988	2,08545	-3,71983	0,00019936	0,00198692	yes
AN1753	ChrVII_A_nidulans_FGSC_A4:1800898-1802584	WT_5hasex	WT_veg	OK	119,421	326,116	1,44932	-2,82211	0,0047709	0,0286702	yes
AN1754	ChrVII_A_nidulans_FGSC_A4:1800898-1802584	WT_5hasex	WT_veg	OK	257,759	1872,18	2,86063	-5,2574	1,46107E-07	3,28033E-06	yes
AN1756	ChrVII_A_nidulans_FGSC_A4:1806184-1806520	WT_5hasex	WT_veg	OK	75,6041	353,371	2,22465	-3,49192	0,000479567	0,00420239	yes
AN1759	ChrVII_A_nidulans_FGSC_A4:1811360-1812303	WT_5hasex	WT_veg	OK	24,8847	79,9071	1,68306	-3,11746	0,00182415	0,0129174	yes
AN1761	ChrVII_A_nidulans_FGSC_A4:1814695-1816428	WT_5hasex	WT_veg	OK	615,288	1748,07	1,50643	-2,71864	0,00655518	0,0371839	yes
AN1764	ChrVII_A_nidulans_FGSC_A4:1821289-1822355	WT_5hasex	WT_veg	OK	8,29563	36,7844	2,14867	-3,24248	0,00118494	0,00903398	yes
AN1795	ChrVII_A_nidulans_FGSC_A4:1910728-1912771	WT_5hasex	WT_veg	OK	91,9809	457,059	2,31298	-4,52153	6,13941E-06	9,30356E-05	yes

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AN1797	ChrVII_A_nidulans_FGSC_A4:1916878-1918939	WT_5hasex	WT_veg	OK	20,5942	76,2901	1,88926	-3,66959	0,000242937	0,00235486	yes
AN1801	ChrVII_A_nidulans_FGSC_A4:1932408-1933321	WT_5hasex	WT_veg	OK	167,577	819,709	2,29029	-4,24566	2,17947E-05	0,000287491	yes
AN1803	ChrVII_A_nidulans_FGSC_A4:1939409-1939934	WT_5hasex	WT_veg	OK	21,2006	0	-1.79769e+308	-1.79769e+308	0,00687768	0,0385872	yes
AN1813	ChrVII_A_nidulans_FGSC_A4:1967259-1968003	WT_5hasex	WT_veg	OK	23,6617	4,20543	-2,49223	2,98286	0,00285565	0,018474	yes
AN1819	ChrVII_A_nidulans_FGSC_A4:1988317-1989247	WT_5hasex	WT_veg	OK	1,38784	9,77747	2,81662	-3,34546	0,00082146	0,0066419	yes
AN1822	ChrVII_A_nidulans_FGSC_A4:1995308-1996237	WT_5hasex	WT_veg	OK	4,60555	26,0559	2,50016	-3,23328	0,00122377	0,00927012	yes
AN1825	ChrVII_A_nidulans_FGSC_A4:2001917-2003538	WT_5hasex	WT_veg	OK	19,3119	6,15671	-1,64926	2,61723	0,00886463	0,0473954	yes
AN1826	ChrVII_A_nidulans_FGSC_A4:2004470-2005496	WT_5hasex	WT_veg	OK	43,0102	3,42085	-3,65225	4,77649	1,78377E-06	3,09514E-05	yes
AN1839	ChrVII_A_nidulans_FGSC_A4:2032840-2033833	WT_5hasex	WT_veg	OK	2,49298	13,3265	2,41835	-2,93651	0,00331929	0,0212924	yes
AN1842	ChrVII_A_nidulans_FGSC_A4:2039911-2040706	WT_5hasex	WT_veg	OK	27,5336	84,6541	1,62039	-2,88827	0,00387362	0,0241621	yes
AN1854	ChrVII_A_nidulans_FGSC_A4:2071765-2072858	WT_5hasex	WT_veg	OK	48,2159	129,534	1,42575	-2,82176	0,0047761	0,0286917	yes
AN1856	ChrVII_A_nidulans_FGSC_A4:2079059-2081525	WT_5hasex	WT_veg	OK	6,93125	22,9083	1,72468	-3,00337	0,00267012	0,0177383	yes
AN1859	ChrVII_A_nidulans_FGSC_A4:2086859-2088307	WT_5hasex	WT_veg	OK	52,1311	199,322	1,93489	-4,03872	5,37437E-05	0,000637599	yes
AN1871	ChrVII_A_nidulans_FGSC_A4:2109653-2111491	WT_5hasex	WT_veg	OK	15,925	48,503	1,60678	-2,91074	0,00360575	0,0228006	yes
AN1873	ChrVII_A_nidulans_FGSC_A4:2115111-2117101	WT_5hasex	WT_veg	OK	105,926	290,362	1,4548	-2,99692	0,00272726	0,0180424	yes
AN1875	ChrVII_A_nidulans_FGSC_A4:2123689-2125123	WT_5hasex	WT_veg	OK	43,1182	154,167	1,83813	-3,76952	0,000163559	0,00167628	yes
AN1882	ChrVII_A_nidulans_FGSC_A4:2150871-2152368	WT_5hasex	WT_veg	OK	66,6458	404,107	2,60015	-5,10233	3,355E-07	6,93251E-06	yes
AN1883	ChrVII_A_nidulans_FGSC_A4:2152993-2154902	WT_5hasex	WT_veg	OK	229,718	596,914	1,37766	-2,73253	0,00628506	0,0358924	yes
AN1888	ChrVII_A_nidulans_FGSC_A4:2162181-2163092	WT_5hasex	WT_veg	OK	1,04318	7,27836	2,80263	-3,01158	0,00259893	0,0173468	yes
AN1892	ChrVII_A_nidulans_FGSC_A4:2171869-2173166	WT_5hasex	WT_veg	OK	155,04	1090,54	2,81434	-5,61892	1,92157E-08	5,22273E-07	yes
AN1893	ChrVII_A_nidulans_FGSC_A4:2175079-2177634	WT_5hasex	WT_veg	OK	53,7415	11,6374	-2,20726	4,42888	9,47217E-06	0,000137078	yes
AN1898	ChrVII_A_nidulans_FGSC_A4:2186943-2187751	WT_5hasex	WT_veg	OK	33,1429	98,2722	1,56808	-2,89409	0,0038026	0,023824	yes
AN1902	ChrVII_A_nidulans_FGSC_A4:2201084-2203845	WT_5hasex	WT_veg	OK	41,7808	204,671	2,2924	-4,78463	1,71305E-06	2,98825E-05	yes
AN1908	ChrVII_A_nidulans_FGSC_A4:2221159-2225064	WT_5hasex	WT_veg	OK	13,1895	76,8364	2,54239	-5,0211	5,13757E-07	1,01096E-05	yes
AN1924	ChrVII_A_nidulans_FGSC_A4:2273329-2275347	WT_5hasex	WT_veg	OK	108,393	269,516	1,31409	-2,59638	0,00942126	0,0497023	yes
AN1926	ChrVII_A_nidulans_FGSC_A4:2278892-2280132	WT_5hasex	WT_veg	OK	14,6695	87,5014	2,57649	-3,88073	0,000104141	0,00113621	yes
AN1927	ChrVII_A_nidulans_FGSC_A4:2282573-2285560	WT_5hasex	WT_veg	OK	16,3874	53,5572	1,70849	-3,43321	0,000596489	0,0050619	yes
AN1935	ChrVII_A_nidulans_FGSC_A4:2308793-2310827	WT_5hasex	WT_veg	OK	49,6397	288,428	2,53864	-5,1636	2,42241E-07	5,16223E-06	yes
AN1936	ChrVII_A_nidulans_FGSC_A4:2311291-2311988	WT_5hasex	WT_veg	OK	50,0829	383,081	2,93526	-5,48016	4,2495E-08	1,07265E-06	yes
AN1939	ChrVII_A_nidulans_FGSC_A4:2321137-2324343	WT_5hasex	WT_veg	OK	104,374	335,204	1,68328	-3,29448	0,000986048	0,00775723	yes
AN1941	ChrVII_A_nidulans_FGSC_A4:2332402-2333217	WT_5hasex	WT_veg	OK	398,074	34,7536	-3,5178	5,10022	3,39257E-07	7,00462E-06	yes
AN1949	ChrVII_A_nidulans_FGSC_A4:2351860-2354022	WT_5hasex	WT_veg	OK	30,2292	240,303	2,99084	-6,08275	1,18137E-09	4,12158E-08	yes
AN1951	ChrVII_A_nidulans_FGSC_A4:2360812-2362113	WT_5hasex	WT_veg	OK	34,935	90,9367	1,38019	-2,63428	0,0084316	0,0454747	yes
AN1952	ChrVII_A_nidulans_FGSC_A4:2364928-2366127	WT_5hasex	WT_veg	OK	60,585	379,518	2,64714	-5,00431	5,60633E-07	1,09376E-05	yes
AN1954	ChrVII_A_nidulans_FGSC_A4:2369981-2371354	WT_5hasex	WT_veg	OK	59,5291	180,522	1,6005	-3,30677	0,00094379	0,00749103	yes
AN1957	ChrVII_A_nidulans_FGSC_A4:2380045-2381596	WT_5hasex	WT_veg	OK	7,97399	28,5204	1,83862	-3,0509	0,00228158	0,0155697	yes
AN1965	ChrVII_A_nidulans_FGSC_A4:2406773-2408348	WT_5hasex	WT_veg	OK	71,0051	308,39	2,11876	-4,32839	1,50204E-05	0,000207361	yes
AN1969	ChrVII_A_nidulans_FGSC_A4:2428819-2429905	WT_5hasex	WT_veg	OK	9,64933	41,9669	2,12075	-2,9874	0,00281359	0,0185223	yes
AN1971	ChrVII_A_nidulans_FGSC_A4:2431144-2433001	WT_5hasex	WT_veg	OK	55,7332	177,215	1,66889	-3,47397	0,000512812	0,00444981	yes
AN1976	ChrVII_A_nidulans_FGSC_A4:2442967-2444786	WT_5hasex	WT_veg	OK	20,7807	54,7001	1,3963	-2,6366	0,00837406	0,0452016	yes
AN1983	ChrVII_A_nidulans_FGSC_A4:2457387-2460326	WT_5hasex	WT_veg	OK	16,8432	93,4729	2,47238	-4,82682	1,3873E-06	2,46432E-05	yes
AN1987	ChrVII_A_nidulans_FGSC_A4:2469119-2470554	WT_5hasex	WT_veg	OK	15,5238	69,0427	2,153	-3,93959	8,16201E-05	0,000917823	yes
AN1990	ChrVII_A_nidulans_FGSC_A4:2476499-2478711	WT_5hasex	WT_veg	OK	130,631	783,033	2,58358	-4,84453	1,26915E-06	2,27526E-05	yes
AN1997	ChrVII_A_nidulans_FGSC_A4:2502495-2503937	WT_5hasex	WT_veg	OK	24,6385	201,912	3,03474	-5,93293	2,97581E-09	9,53371E-08	yes
AN2010	ChrVII_A_nidulans_FGSC_A4:2551148-2552218	WT_5hasex	WT_veg	OK	112,164	38,8969	-1,52788	3,00205	0,00268171	0,0177964	yes
AN2011	ChrVII_A_nidulans_FGSC_A4:2553807-2558874	WT_5hasex	WT_veg	OK	13,0795	44,0838	1,75294	-3,64904	0,000263225	0,00252814	yes

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AN2013	ChrVII_A_nidulans_FGSC_A4:2565192-2566447	WT_5hasex	WT_veg	OK	56,5082	248,843	2,1387	-4,27074	1,94825E-05	0,000260439	yes
AN2019	ChrVII_A_nidulans_FGSC_A4:2582709-2583183	WT_5hasex	WT_veg	OK	10,4209	93,5296	3,16595	-4,47928	7,48942E-06	0,000111179	yes
AN2022	ChrVII_A_nidulans_FGSC_A4:2607674-2609439	WT_5hasex	WT_veg	OK	27,4578	157,121	2,51658	-4,78787	1,68559E-06	2,94624E-05	yes
AN2023	ChrVII_A_nidulans_FGSC_A4:2610650-2611960	WT_5hasex	WT_veg	OK	37,8554	228,768	2,59531	-4,87903	1,06607E-06	1,94243E-05	yes
AN2029	ChrVII_A_nidulans_FGSC_A4:2626344-2627879	WT_5hasex	WT_veg	OK	47,1677	125,41	1,41078	-2,72253	0,00647844	0,0368003	yes
AN2030	ChrVII_A_nidulans_FGSC_A4:2638096-2638772	WT_5hasex	WT_veg	OK	89,7591	13,7381	-2,70788	4,88997	1,00851E-06	1,84526E-05	yes
AN2031	ChrVII_A_nidulans_FGSC_A4:2639262-2640105	WT_5hasex	WT_veg	OK	14,4274	1,99947	-2,85112	2,92639	0,00342916	0,0218793	yes
AN2032	ChrVII_A_nidulans_FGSC_A4:2640607-2647359	WT_5hasex	WT_veg	OK	2,08645	0,403534	-2,37029	3,0029	0,00267424	0,017755	yes
AN2033	ChrVII_A_nidulans_FGSC_A4:2647940-2649248	WT_5hasex	WT_veg	OK	39,104	3,65956	-3,41758	5,53647	3,08631E-08	8,03821E-07	yes
AN2034	ChrVII_A_nidulans_FGSC_A4:2649537-2650119	WT_5hasex	WT_veg	OK	23,246	3,12416	-2,89544	2,93025	0,00338688	0,0216491	yes
AN2037	ChrVII_A_nidulans_FGSC_A4:2663256-2664479	WT_5hasex	WT_veg	OK	371,147	41,4374	-3,16299	5,54241	2,9833E-08	7,78928E-07	yes
AN2038	ChrVII_A_nidulans_FGSC_A4:2667020-2668412	WT_5hasex	WT_veg	OK	27,5408	3,89801	-2,82076	4,74029	2,13411E-06	3,64509E-05	yes
AN2055	ChrVII_A_nidulans_FGSC_A4:2710375-2712565	WT_5hasex	WT_veg	OK	74,0506	416,651	2,49225	-5,10107	3,37744E-07	6,97614E-06	yes
AN2063	ChrVII_A_nidulans_FGSC_A4:2730753-2733710	WT_5hasex	WT_veg	OK	74,5596	180,833	1,27819	-2,6334	0,00845357	0,0455698	yes
AN2064	ChrVII_A_nidulans_FGSC_A4:2734447-2737626	WT_5hasex	WT_veg	OK	16,7536	66,7541	1,99439	-3,70912	0,000207985	0,00206261	yes
AN2067	ChrVII_A_nidulans_FGSC_A4:2747062-2749760	WT_5hasex	WT_veg	OK	27,0532	80,9038	1,58041	-3,19079	0,00141882	0,0104806	yes
AN2068	ChrVII_A_nidulans_FGSC_A4:2753420-2757730	WT_5hasex	WT_veg	OK	29,4763	72,2281	1,29301	-2,69869	0,00696134	0,038944	yes
AN2077	ChrVII_A_nidulans_FGSC_A4:2787888-2790637	WT_5hasex	WT_veg	OK	6,16789	42,9764	2,80069	-4,8224	1,41839E-06	2,51443E-05	yes
AN2079	ChrVII_A_nidulans_FGSC_A4:2796306-2796900	WT_5hasex	WT_veg	OK	36,3496	113,572	1,64359	-2,89495	0,00379219	0,0237702	yes
AN2080	ChrVII_A_nidulans_FGSC_A4:2796967-2799469	WT_5hasex	WT_veg	OK	92,4362	248,592	1,42725	-2,89325	0,00381274	0,0238647	yes
AN2088	ChrVII_A_nidulans_FGSC_A4:2822328-2828770	WT_5hasex	WT_veg	OK	12,2585	36,8725	1,58877	-2,63614	0,00838563	0,0452454	yes
AN2090	ChrVII_A_nidulans_FGSC_A4:2833085-2835168	WT_5hasex	WT_veg	OK	21,0906	122,964	2,54356	-5,14007	2,74634E-07	5,78897E-06	yes
AN2091	ChrVII_A_nidulans_FGSC_A4:2835182-2836839	WT_5hasex	WT_veg	OK	62,693	150,641	1,26474	-2,62876	0,00856979	0,0460967	yes
AN2098	ChrVII_A_nidulans_FGSC_A4:2854526-2855178	WT_5hasex	WT_veg	OK	57,1893	196,975	1,7842	-3,20624	0,0013448	0,0100385	yes
AN2117	ChrVII_A_nidulans_FGSC_A4:2915862-2916366	WT_5hasex	WT_veg	OK	0,846117	9,25863	3,45187	-2,76129	0,00575734	0,0333772	yes
AN2120	ChrVII_A_nidulans_FGSC_A4:2925432-2929217	WT_5hasex	WT_veg	OK	37,0992	258,201	2,79903	-5,54271	2,9783E-08	7,78399E-07	yes
AN2146	ChrVII_A_nidulans_FGSC_A4:3024624-3025719	WT_5hasex	WT_veg	OK	14,8501	89,7617	2,59562	-4,38659	1,15141E-05	0,000162719	yes
AN2157	ChrVII_A_nidulans_FGSC_A4:3058687-3060403	WT_5hasex	WT_veg	OK	63,0294	327,959	2,37942	-4,06194	4,86674E-05	0,00058479	yes
AN2173	ChrVII_A_nidulans_FGSC_A4:3099802-3102324	WT_5hasex	WT_veg	OK	36,893	105,351	1,51378	-3,14776	0,00164527	0,0118672	yes
AN2177	ChrVII_A_nidulans_FGSC_A4:3115692-3117166	WT_5hasex	WT_veg	OK	32,4465	131,852	2,02278	-3,46019	0,000539794	0,00464319	yes
AN2181	ChrVII_A_nidulans_FGSC_A4:3129583-3130233	WT_5hasex	WT_veg	OK	181,757	489,937	1,43058	-2,90519	0,00367027	0,0231444	yes
AN2187	ChrVII_A_nidulans_FGSC_A4:3141674-3142494	WT_5hasex	WT_veg	OK	1,18287	7,88179	2,73624	-2,95571	0,00311955	0,020204	yes
AN2190	ChrVII_A_nidulans_FGSC_A4:3146063-3147164	WT_5hasex	WT_veg	OK	17,644	49,8077	1,4972	-2,65049	0,00803741	0,0437677	yes
AN2194	ChrVII_A_nidulans_FGSC_A4:3160475-3165486	WT_5hasex	WT_veg	OK	1,68844	7,82737	2,21284	-3,03856	0,00237713	0,0161251	yes
AN2199	ChrVII_A_nidulans_FGSC_A4:3181310-3182630	WT_5hasex	WT_veg	OK	1,66742	11,2528	2,7546	-3,0393	0,0023713	0,0160918	yes
AN2205	ChrVII_A_nidulans_FGSC_A4:3198153-3199030	WT_5hasex	WT_veg	OK	21,6548	92,8852	2,10077	-3,53082	0,000414274	0,00370468	yes
AN2208	ChrVII_A_nidulans_FGSC_A4:3206281-3207658	WT_5hasex	WT_veg	OK	87,3574	982,121	3,4909	-6,92159	4,46621E-12	2,26124E-10	yes
AN2210	ChrVII_A_nidulans_FGSC_A4:3210013-3212504	WT_5hasex	WT_veg	OK	96,3391	509,573	2,40309	-4,79167	1,65403E-06	0,000028959	yes
AN2219	ChrVII_A_nidulans_FGSC_A4:3236436-3238514	WT_5hasex	WT_veg	OK	56,1023	190,493	1,7636	-3,31971	0,000901118	0,00719933	yes
AN2220	ChrVII_A_nidulans_FGSC_A4:3239171-3239936	WT_5hasex	WT_veg	OK	4,3914	27,6508	2,65457	-3,47179	0,000517002	0,00447875	yes
AN2221	ChrVII_A_nidulans_FGSC_A4:3240377-3241100	WT_5hasex	WT_veg	OK	1,94718	23,9843	3,62263	-4,28374	1,83781E-05	0,000248401	yes
AN2236	ChrVII_A_nidulans_FGSC_A4:3285758-3287709	WT_5hasex	WT_veg	OK	23,6761	59,6219	1,33241	-2,66809	0,00762838	0,0419677	yes
AN2244	ChrVII_A_nidulans_FGSC_A4:3304553-3306322	WT_5hasex	WT_veg	OK	57,0982	159,408	1,4812	-3,05614	0,00224205	0,0153664	yes
AN2245	ChrVII_A_nidulans_FGSC_A4:3306476-3307859	WT_5hasex	WT_veg	OK	41,1471	134,166	1,70516	-3,49312	0,000477403	0,00418622	yes
AN2252	ChrVII_A_nidulans_FGSC_A4:3334068-3334827	WT_5hasex	WT_veg	OK	7,01567	25,3531	1,85351	-2,60868	0,0090892	0,0482957	yes
AN2256	ChrVII_A_nidulans_FGSC_A4:3349772-3352636	WT_5hasex	WT_veg	OK	4,35578	31,9929	2,87675	-4,77919	1,76004E-06	3,06003E-05	yes

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AN2257	ChrVII_A_nidulans_FGSC_A4:3353105-3354978	WT_5hasex	WT_veg	OK	34,5236	117,055	1,76153	-3,4344	0,000593868	0,00504374	yes
AN2258	ChrVII_A_nidulans_FGSC_A4:3355119-3357744	WT_5hasex	WT_veg	OK	5,38859	17,8343	1,72668	-2,92014	0,00349871	0,0222607	yes
AN2261	ChrVII_A_nidulans_FGSC_A4:3363227-3364948	WT_5hasex	WT_veg	OK	16,6291	55,6319	1,7422	-3,24219	0,00118616	0,0090397	yes
AN2262	ChrVII_A_nidulans_FGSC_A4:3365098-3366836	WT_5hasex	WT_veg	OK	19,8282	109,563	2,46613	-4,73494	2,19125E-06	3,72093E-05	yes
AN2263	ChrVII_A_nidulans_FGSC_A4:3367219-3369371	WT_5hasex	WT_veg	OK	16,982	130,053	2,93702	-5,75033	8,9067E-09	2,60743E-07	yes
AN2278	ChrVII_A_nidulans_FGSC_A4:3418614-3423392	WT_5hasex	WT_veg	OK	39,6804	108,599	1,45251	-2,94326	0,00324777	0,0208771	yes
AN2283	ChrVII_A_nidulans_FGSC_A4:3433293-3434931	WT_5hasex	WT_veg	OK	30,1867	247,684	3,03651	-6,04261	1,51645E-09	5,15338E-08	yes
AN2285	ChrVII_A_nidulans_FGSC_A4:3438340-3443541	WT_5hasex	WT_veg	OK	20,6158	50,8713	1,3031	-2,71419	0,00664379	0,0375564	yes
AN2287	ChrVII_A_nidulans_FGSC_A4:3447439-3449806	WT_5hasex	WT_veg	OK	451,783	167,969	-1,42744	2,66181	0,00777225	0,0425893	yes
AN2292	ChrVII_A_nidulans_FGSC_A4:3466872-3467835	WT_5hasex	WT_veg	OK	20,5223	64,2973	1,64757	-2,82835	0,00467883	0,0282093	yes
AN2294	ChrVII_A_nidulans_FGSC_A4:3470786-3472636	WT_5hasex	WT_veg	OK	15,3354	78,8378	2,36203	-4,45451	8,40866E-06	0,000123219	yes
AN2311	ChrVII_A_nidulans_FGSC_A4:3519999-3522151	WT_5hasex	WT_veg	OK	118,157	452,639	1,93766	-3,94767	7,89164E-05	0,000892014	yes
AN2312	ChrVII_A_nidulans_FGSC_A4:3523544-3524172	WT_5hasex	WT_veg	OK	120,859	584,793	2,27461	-4,55295	5,28979E-06	8,14562E-05	yes
AN2313	ChrVII_A_nidulans_FGSC_A4:3524601-3526076	WT_5hasex	WT_veg	OK	50,4257	146,979	1,54338	-3,19286	0,00140873	0,0104193	yes
AN2314	ChrVII_A_nidulans_FGSC_A4:3528856-3531636	WT_5hasex	WT_veg	OK	224,385	1140,06	2,34506	-3,86119	0,000112835	0,00121963	yes
AN2319	ChrVII_A_nidulans_FGSC_A4:3544294-3546460	WT_5hasex	WT_veg	OK	347,535	43,8455	-2,98666	4,87267	0,000001101	1,99843E-05	yes
AN2326	ChrVII_A_nidulans_FGSC_A4:3565747-3568841	WT_5hasex	WT_veg	OK	8,62522	34,4849	1,99933	-3,16996	0,0015246	0,0111379	yes
AN2332	ChrVII_A_nidulans_FGSC_A4:3585628-3586918	WT_5hasex	WT_veg	OK	216,514	616,045	1,50858	-2,9826	0,00285814	0,0187591	yes
AN2335	ChrVII_A_nidulans_FGSC_A4:3594077-3595555	WT_5hasex	WT_veg	OK	3,81716	14,9582	1,97036	-2,8322	0,00462296	0,027935	yes
AN2336	ChrVII_A_nidulans_FGSC_A4:3596931-3598364	WT_5hasex	WT_veg	OK	175,415	23,2292	-2,91676	5,3943	6,87902E-08	1,66194E-06	yes
AN2358	ChrVII_A_nidulans_FGSC_A4:3675781-3677565	WT_5hasex	WT_veg	OK	10,1067	95,8947	3,24613	-5,08409	3,69384E-07	7,54932E-06	yes
AN2367	ChrVII_A_nidulans_FGSC_A4:3703225-3705043	WT_5hasex	WT_veg	OK	1,90251	15,3164	3,00911	-4,04983	5,12548E-05	0,000611548	yes
AN2373	ChrVII_A_nidulans_FGSC_A4:3719050-3720952	WT_5hasex	WT_veg	OK	0,328993	6,28984	4,2569	-3,9685	7,23252E-05	0,000826606	yes
AN2384	ChrVII_A_nidulans_FGSC_A4:3747452-3749475	WT_5hasex	WT_veg	OK	0,686648	7,24194	3,39873	-3,50338	0,000459398	0,00405071	yes
AN2404	ChrVII_A_nidulans_FGSC_A4:3817953-3819255	WT_5hasex	WT_veg	OK	365,138	2327,71	2,6724	-4,88565	1,03086E-06	1,88388E-05	yes
AN2408	ChrVII_A_nidulans_FGSC_A4:3831760-3834097	WT_5hasex	WT_veg	OK	7,79065	29,9639	1,94341	-3,41045	0,000648551	0,00542984	yes
AN2410	ChrVII_A_nidulans_FGSC_A4:3840423-3842171	WT_5hasex	WT_veg	OK	55,5512	153,625	1,46752	-3,06128	0,00220395	0,0151576	yes
AN2415	ChrVII_A_nidulans_FGSC_A4:3853854-3855096	WT_5hasex	WT_veg	OK	31,2082	169,48	2,44112	-4,59049	4,4221E-06	6,92549E-05	yes
AN2419	ChrVII_A_nidulans_FGSC_A4:3863391-3865091	WT_5hasex	WT_veg	OK	86,699	222,885	1,36221	-2,82646	0,00470651	0,0283418	yes
AN2422	ChrVII_A_nidulans_FGSC_A4:3883269-3885605	WT_5hasex	WT_veg	OK	4,56562	27,974	2,61521	-4,12534	3,70191E-05	0,000460997	yes
AN2423	ChrVII_A_nidulans_FGSC_A4:3886476-3887301	WT_5hasex	WT_veg	OK	5,85784	32,4515	2,46985	-3,31262	0,000924277	0,00735631	yes
AN2451	ChrVII_A_nidulans_FGSC_A4:3978779-3980204	WT_5hasex	WT_veg	OK	9,79411	49,7244	2,34397	-3,82585	0,000130323	0,00138355	yes
AN2455	ChrVII_A_nidulans_FGSC_A4:3990102-3991715	WT_5hasex	WT_veg	OK	96,7924	271,378	1,48734	-2,80029	0,00510566	0,0302415	yes
AN2467	ChrVII_A_nidulans_FGSC_A4:4039373-4041698	WT_5hasex	WT_veg	OK	36,2664	101,652	1,48693	-3,10662	0,00189242	0,0133253	yes
AN2473	ChrVII_A_nidulans_FGSC_A4:4056917-4058131	WT_5hasex	WT_veg	OK	62,4829	165,833	1,4082	-2,88651	0,00389546	0,0242671	yes
AN2477	ChrVII_A_nidulans_FGSC_A4:4066811-4069328	WT_5hasex	WT_veg	OK	214,996	881,744	2,03605	-3,66177	0,000250481	0,00241859	yes
AN2486	ChrVII_A_nidulans_FGSC_A4:4102346-4103676	WT_5hasex	WT_veg	OK	12,0684	65,3426	2,43679	-4,01059	6,05679E-05	0,000708354	yes
AN2491	ChrVII_A_nidulans_FGSC_A4:4118671-4121989	WT_5hasex	WT_veg	OK	15,8838	45,0838	1,50505	-3,02788	0,00246278	0,0166008	yes
AN2494	ChrVII_A_nidulans_FGSC_A4:4130443-4132132	WT_5hasex	WT_veg	OK	26,5062	90,1338	1,76574	-3,30838	0,000938366	0,00745446	yes
AN2498	ChrVII_A_nidulans_FGSC_A4:4142792-4144587	WT_5hasex	WT_veg	OK	99,6115	27,4524	-1,85938	3,72213	0,000197551	0,00197182	yes
AN2505	ChrVII_A_nidulans_FGSC_A4:4167807-4169821	WT_5hasex	WT_veg	OK	27,8667	80,0125	1,52169	-3,10426	0,00190756	0,0134138	yes
AN2527	ChrVII_A_nidulans_FGSC_A4:4237290-4239912	WT_5hasex	WT_veg	OK	18,2739	51,3586	1,49082	-2,98347	0,00284997	0,0187195	yes
AN2531	ChrVII_A_nidulans_FGSC_A4:4247500-4249482	WT_5hasex	WT_veg	OK	27,6107	89,9528	1,70394	-3,37475	0,000738838	0,00606463	yes
AN2535	ChrVII_A_nidulans_FGSC_A4:4260088-4260571	WT_5hasex	WT_veg	OK	193,385	1176,36	2,60479	-5,40944	6,32213E-08	1,54362E-06	yes
AN2554	ChrVII_A_nidulans_FGSC_A4:4343886-4345610	WT_5hasex	WT_veg	OK	17,7269	56,2296	1,66539	-2,84488	0,00444281	0,027068	yes
AN2574	ChrVII_A_nidulans_FGSC_A4:4402612-4404410	WT_5hasex	WT_veg	OK	11,5467	1,27766	-3,1759	3,60963	0,000306634	0,00287395	yes

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AN2577	ChrVII_A_nidulans_FGSC_A4:4410748-4411920	WT_5hasex	WT_veg	OK	16,479	48,0014	1,54245	-2,63271	0,00847063	0,0456477	yes
AN2581	ChrVII_A_nidulans_FGSC_A4:4429218-4433463	WT_5hasex	WT_veg	OK	67,5597	209,334	1,63157	-3,20266	0,00136163	0,0101271	yes
AN2585	ChrVII_A_nidulans_FGSC_A4:4443448-4445398	WT_5hasex	WT_veg	OK	34,8716	108,831	1,64197	-2,7779	0,00547108	0,0319687	yes
AN2587	ChrVII_A_nidulans_FGSC_A4:4451266-4453096	WT_5hasex	WT_veg	OK	2,39538	10,8598	2,18067	-2,94125	0,00326893	0,0210079	yes
AN2592	ChrVII_A_nidulans_FGSC_A4:4463337-4464471	WT_5hasex	WT_veg	OK	4,72121	22,5982	2,25898	-3,24285	0,00118341	0,00902401	yes
AN2594	ChrVII_A_nidulans_FGSC_A4:4467450-4468164	WT_5hasex	WT_veg	OK	26,6688	108,336	2,02228	-3,32231	0,000892761	0,00714673	yes
AN2602	ChrVII_A_nidulans_FGSC_A4:4491304-4493430	WT_5hasex	WT_veg	OK	3,19977	28,464	3,1531	-4,12137	3,76624E-05	0,000467896	yes
AN2604	ChrVII_A_nidulans_FGSC_A4:4499595-4501100	WT_5hasex	WT_veg	OK	3,49207	19,1852	2,45784	-2,84352	0,0044618	0,0271711	yes
AN2628	ChrVI_A_nidulans_FGSC_A4:3335693-3337086	WT_5hasex	WT_veg	OK	1,27056	7,51576	2,56445	-2,96922	0,00298555	0,0194758	yes
AN2640	ChrVI_A_nidulans_FGSC_A4:3290104-3291205	WT_5hasex	WT_veg	OK	5,37181	38,7676	2,85137	-4,27989	1,86988E-05	0,000251761	yes
AN2646	ChrVI_A_nidulans_FGSC_A4:3271027-3273468	WT_5hasex	WT_veg	OK	16,0759	86,2642	2,42386	-4,10699	4,00852E-05	0,000494245	yes
AN2648	ChrVI_A_nidulans_FGSC_A4:3265819-3267761	WT_5hasex	WT_veg	OK	12,4311	53,9083	2,11655	-3,6969	0,000218245	0,00214649	yes
AN2649	ChrVI_A_nidulans_FGSC_A4:3263209-3264476	WT_5hasex	WT_veg	OK	4,78981	27,3933	2,51578	-3,50811	0,000451308	0,00399022	yes
AN2660	ChrVI_A_nidulans_FGSC_A4:3232903-3234421	WT_5hasex	WT_veg	OK	7,57758	25,1258	1,72936	-2,83526	0,00457887	0,0277165	yes
AN2668	ChrVI_A_nidulans_FGSC_A4:3210424-3211730	WT_5hasex	WT_veg	OK	22,5055	71,9613	1,67695	-3,03692	0,00239008	0,0162004	yes
AN2675	ChrVI_A_nidulans_FGSC_A4:3182226-3183840	WT_5hasex	WT_veg	OK	25,4405	7,75145	-1,71459	2,94478	0,00323185	0,0208002	yes
AN2695	ChrVI_A_nidulans_FGSC_A4:3122444-3123476	WT_5hasex	WT_veg	OK	1,10189	8,74626	2,98868	-3,15414	0,00160971	0,0116572	yes
AN2702	ChrVI_A_nidulans_FGSC_A4:3098243-3099223	WT_5hasex	WT_veg	OK	107,748	622,722	2,53092	-4,68406	2,81254E-06	4,63759E-05	yes
AN2704	ChrVI_A_nidulans_FGSC_A4:3094382-3096119	WT_5hasex	WT_veg	OK	21,5885	6,9583	-1,63345	2,92235	0,00347401	0,0221251	yes
AN2718	ChrVI_A_nidulans_FGSC_A4:3044308-3045251	WT_5hasex	WT_veg	OK	1,75593	10,1792	2,53532	-2,70178	0,006897	0,0386666	yes
AN2731	ChrVI_A_nidulans_FGSC_A4:2989859-2992431	WT_5hasex	WT_veg	OK	164,474	585,083	1,83079	-3,52731	0,000419801	0,00374441	yes
AN2735	ChrVI_A_nidulans_FGSC_A4:2981797-2983577	WT_5hasex	WT_veg	OK	20,3786	54,2486	1,41253	-2,72031	0,00652203	0,0370119	yes
AN2737	ChrVI_A_nidulans_FGSC_A4:2975872-2978326	WT_5hasex	WT_veg	OK	27,8381	140,117	2,3315	-4,82446	1,40383E-06	0,000024917	yes
AN2743	ChrVI_A_nidulans_FGSC_A4:2944031-2947428	WT_5hasex	WT_veg	OK	45,2522	114,258	1,33624	-2,7833	0,00538093	0,0315228	yes
AN2746	ChrVI_A_nidulans_FGSC_A4:2938362-2939735	WT_5hasex	WT_veg	OK	22,0933	130,103	2,55798	-4,65105	3,30245E-06	5,36272E-05	yes
AN2747	ChrVI_A_nidulans_FGSC_A4:2936205-2936921	WT_5hasex	WT_veg	OK	80,7063	517,603	2,68109	-5,21448	1,84335E-07	4,03994E-06	yes
AN2748	ChrVI_A_nidulans_FGSC_A4:2934078-2935882	WT_5hasex	WT_veg	OK	6,3609	29,7927	2,22766	-3,62968	0,000283774	0,00269049	yes
AN2759	ChrVI_A_nidulans_FGSC_A4:2888659-2890462	WT_5hasex	WT_veg	OK	102,966	270,805	1,39509	-2,85661	0,00428192	0,0262496	yes
AN2768	ChrVI_A_nidulans_FGSC_A4:2860394-2861774	WT_5hasex	WT_veg	OK	72,0697	321,766	2,15855	-4,38229	1,17437E-05	0,000165428	yes
AN2769	ChrVI_A_nidulans_FGSC_A4:2858133-2860004	WT_5hasex	WT_veg	OK	29,401	77,8887	1,40555	-2,86427	0,00417973	0,0257147	yes
AN2776	ChrVI_A_nidulans_FGSC_A4:2836279-2837277	WT_5hasex	WT_veg	OK	48,5432	182,985	1,91438	-3,70698	0,000209748	0,00207577	yes
AN2792	ChrVI_A_nidulans_FGSC_A4:2799055-2800163	WT_5hasex	WT_veg	OK	79,0685	327,431	2,05002	-4,24736	2,16307E-05	0,00028573	yes
AN2797	ChrVI_A_nidulans_FGSC_A4:2780560-2785594	WT_5hasex	WT_veg	OK	2,73043	9,06553	1,73126	-2,89379	0,00380621	0,0238381	yes
AN2801	ChrVI_A_nidulans_FGSC_A4:2770810-2772028	WT_5hasex	WT_veg	OK	40,6851	249,576	2,61691	-4,95496	7,23452E-07	1,37656E-05	yes
AN2808	ChrVI_A_nidulans_FGSC_A4:2754259-2755888	WT_5hasex	WT_veg	OK	0,214378	11,3192	5,72247	-4,22764	2,36152E-05	0,000308985	yes
AN2810	ChrVI_A_nidulans_FGSC_A4:2748564-2750905	WT_5hasex	WT_veg	OK	1,11665	4,95026	2,14833	-2,78407	0,00536815	0,0314585	yes
AN2815	ChrVI_A_nidulans_FGSC_A4:2722201-2724085	WT_5hasex	WT_veg	OK	221,143	2027,52	3,19666	-5,84266	5,13747E-09	1,57343E-07	yes
AN2817	ChrVI_A_nidulans_FGSC_A4:2719256-2719770	WT_5hasex	WT_veg	OK	4,074	30,7157	2,91446	-3,25624	0,00112896	0,00868339	yes
AN2818	ChrVI_A_nidulans_FGSC_A4:2712425-2714545	WT_5hasex	WT_veg	OK	12,243	1,51153	-3,01787	3,78626	0,00015293	0,00157971	yes
AN2822	ChrVI_A_nidulans_FGSC_A4:2687815-2689547	WT_5hasex	WT_veg	OK	59,6204	678,153	3,50773	-7,11461	1,12221E-12	6,28272E-11	yes
AN2823	ChrVI_A_nidulans_FGSC_A4:2686463-2686987	WT_5hasex	WT_veg	OK	23,3181	160,959	2,78718	-4,3406	1,42095E-05	0,00019709	yes
AN2831	ChrVI_A_nidulans_FGSC_A4:2657040-2658645	WT_5hasex	WT_veg	OK	8,37455	37,5397	2,16433	-3,27729	0,0010481	0,00816696	yes
AN2832	ChrVI_A_nidulans_FGSC_A4:2653961-2654976	WT_5hasex	WT_veg	OK	1,20936	11,3373	3,22876	-3,19737	0,00138687	0,0102851	yes
AN2837	ChrVI_A_nidulans_FGSC_A4:2640877-2642300	WT_5hasex	WT_veg	OK	8,50859	27,0316	1,66766	-2,72629	0,00640504	0,0364585	yes
AN2841	ChrVI_A_nidulans_FGSC_A4:2629127-2630734	WT_5hasex	WT_veg	OK	12,5751	0,540246	-4,54081	3,37674	0,000733499	0,00602741	yes
AN2844	ChrVI_A_nidulans_FGSC_A4:2622546-2623195	WT_5hasex	WT_veg	OK	817,823	61,2636	-3,73869	7,14324	9,11493E-13	5,14699E-11	yes

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AN2848	ChrVI_A_nidulans_FGSC_A4:2614310-2615066	WT_5hasex	WT_veg	OK	116,784	389,478	1,73771	-3,53081	0,000414286	0,00370468	yes
AN2852	ChrVI_A_nidulans_FGSC_A4:2602370-2605570	WT_5hasex	WT_veg	OK	24,8619	81,1195	1,70611	-3,57727	0,000347202	0,00318587	yes
AN2854	ChrVI_A_nidulans_FGSC_A4:2596166-2598495	WT_5hasex	WT_veg	OK	27,8165	98,0237	1,81719	-3,74025	0,000183834	0,00185362	yes
AN2859	ChrVI_A_nidulans_FGSC_A4:2582295-2583338	WT_5hasex	WT_veg	OK	8,38356	34,7269	2,05042	-3,04708	0,00231078	0,0157409	yes
AN2860	ChrVI_A_nidulans_FGSC_A4:2580313-2581623	WT_5hasex	WT_veg	OK	14,1545	41,426	1,54928	-2,61251	0,00898809	0,0479286	yes
AN2861	ChrVI_A_nidulans_FGSC_A4:2577409-2579430	WT_5hasex	WT_veg	OK	14,1408	194,418	3,78123	-7,21096	5,55556E-13	3,22752E-11	yes
AN2862	ChrVI_A_nidulans_FGSC_A4:2575494-2577007	WT_5hasex	WT_veg	OK	136,556	334,736	1,29353	-2,65992	0,00781581	0,0427833	yes
AN2877	ChrVI_A_nidulans_FGSC_A4:2520822-2522243	WT_5hasex	WT_veg	OK	98,2683	373,719	1,92716	-3,90484	9,42889E-05	0,00104173	yes
AN2879	ChrVI_A_nidulans_FGSC_A4:2516241-2518129	WT_5hasex	WT_veg	OK	16,4593	60,3363	1,87412	-3,52423	0,000424716	0,0037831	yes
AN2880	ChrVI_A_nidulans_FGSC_A4:2511942-2514883	WT_5hasex	WT_veg	OK	42,6974	177,871	2,05861	-4,24564	2,17969E-05	0,000287491	yes
AN2888	ChrVI_A_nidulans_FGSC_A4:2491831-2493193	WT_5hasex	WT_veg	OK	301,514	84,7505	-1,83093	3,29497	0,000984337	0,00774725	yes
AN2891	ChrVI_A_nidulans_FGSC_A4:2484744-2485810	WT_5hasex	WT_veg	OK	10,682	58,7943	2,4605	-3,46545	0,000529347	0,00456456	yes
AN2894	ChrVI_A_nidulans_FGSC_A4:2478645-2479271	WT_5hasex	WT_veg	OK	196,376	2017,86	3,36114	-6,90212	5,12324E-12	2,58142E-10	yes
AN2897	ChrVI_A_nidulans_FGSC_A4:2465356-2468575	WT_5hasex	WT_veg	OK	9,68678	52,6254	2,44167	-4,68407	2,81234E-06	4,63759E-05	yes
AN2898	ChrVI_A_nidulans_FGSC_A4:2462037-2464759	WT_5hasex	WT_veg	OK	5,74995	18,4774	1,68414	-2,83421	0,00459386	0,0277848	yes
AN2907	ChrVI_A_nidulans_FGSC_A4:2435135-2436554	WT_5hasex	WT_veg	OK	91,6431	245,735	1,423	-2,96805	0,00299696	0,0195283	yes
AN2909	ChrVI_A_nidulans_FGSC_A4:2429606-2431104	WT_5hasex	WT_veg	OK	97,9519	235,477	1,26544	-2,62583	0,00864372	0,0464039	yes
AN2916	ChrVI_A_nidulans_FGSC_A4:2405123-2407480	WT_5hasex	WT_veg	OK	104,544	254,105	1,28131	-2,60649	0,00914757	0,0485517	yes
AN2932	ChrVI_A_nidulans_FGSC_A4:2351597-2354019	WT_5hasex	WT_veg	OK	454,596	1677,3	1,88348	-3,03988	0,0023667	0,0160668	yes
AN2951	ChrVI_A_nidulans_FGSC_A4:2285739-2287339	WT_5hasex	WT_veg	OK	30,3925	101,336	1,73735	-3,50423	0,000457931	0,00404049	yes
AN2953	ChrVI_A_nidulans_FGSC_A4:2278954-2280298	WT_5hasex	WT_veg	OK	119,868	404,885	1,75607	-3,57497	0,000350274	0,00321061	yes
AN2954	ChrVI_A_nidulans_FGSC_A4:2273441-2276283	WT_5hasex	WT_veg	OK	18,4228	136,309	2,88731	-5,46253	4,69402E-08	1,17355E-06	yes
AN2955	ChrVI_A_nidulans_FGSC_A4:2262553-2271400	WT_5hasex	WT_veg	OK	7,56841	30,215	1,9972	-4,15108	3,30912E-05	0,000418044	yes
AN2973	ChrVI_A_nidulans_FGSC_A4:2204988-2208312	WT_5hasex	WT_veg	OK	5,49614	23,1186	2,07257	-3,64769	0,000264608	0,00253677	yes
AN2976	ChrVI_A_nidulans_FGSC_A4:2197822-2198416	WT_5hasex	WT_veg	OK	117,188	307,231	1,3905	-2,80756	0,00499177	0,0297012	yes
AN2977	ChrVI_A_nidulans_FGSC_A4:2195519-2197475	WT_5hasex	WT_veg	OK	406,318	1821,06	2,1641	-3,87428	0,000106942	0,00116386	yes
AN2978	ChrVI_A_nidulans_FGSC_A4:2194354-2195360	WT_5hasex	WT_veg	OK	516,502	1648,9	1,67465	-2,89878	0,00374612	0,023526	yes
AN2979	ChrVI_A_nidulans_FGSC_A4:2192123-2194201	WT_5hasex	WT_veg	OK	192,322	641,061	1,73694	-3,3754	0,000737073	0,00605109	yes
AN2985	ChrVI_A_nidulans_FGSC_A4:2169365-2171604	WT_5hasex	WT_veg	OK	15,1739	199,882	3,71948	-7,10456	1,20703E-12	6,72786E-11	yes
AN2993	ChrVI_A_nidulans_FGSC_A4:2153560-2155272	WT_5hasex	WT_veg	OK	88,581	407,275	2,20093	-3,72474	0,000195513	0,00195483	yes
AN3000	ChrVI_A_nidulans_FGSC_A4:2134122-2134743	WT_5hasex	WT_veg	OK	66,1077	215,799	1,7068	-3,25022	0,00115316	0,0088293	yes
AN3005	ChrVI_A_nidulans_FGSC_A4:2121028-2123852	WT_5hasex	WT_veg	OK	46,8401	249,707	2,41442	-4,97041	6,68117E-07	1,28291E-05	yes
AN3021	ChrVI_A_nidulans_FGSC_A4:2079791-2084256	WT_5hasex	WT_veg	OK	20,748	66,9803	1,69077	-2,98881	0,00280068	0,0184512	yes
AN3022	ChrVI_A_nidulans_FGSC_A4:2077643-2079075	WT_5hasex	WT_veg	OK	214,272	661,322	1,62591	-3,19688	0,00138923	0,0103012	yes
AN3024	ChrVI_A_nidulans_FGSC_A4:2073638-2075279	WT_5hasex	WT_veg	OK	24,8687	227,059	3,19066	-5,87825	4,1462E-09	1,29636E-07	yes
AN3025	ChrVI_A_nidulans_FGSC_A4:2072600-2073427	WT_5hasex	WT_veg	OK	23,3743	66,5033	1,5085	-2,60069	0,00930376	0,0491567	yes
AN3027	ChrVI_A_nidulans_FGSC_A4:2067132-2067909	WT_5hasex	WT_veg	OK	71,635	258,323	1,85044	-3,43502	0,000592517	0,00503389	yes
AN3028	ChrVI_A_nidulans_FGSC_A4:2065474-2066615	WT_5hasex	WT_veg	OK	29,5465	75,2271	1,34826	-2,65372	0,007961	0,0434057	yes
AN3038	ChrVI_A_nidulans_FGSC_A4:2038761-2040819	WT_5hasex	WT_veg	OK	33,93	126,364	1,89695	-3,90415	9,45582E-05	0,00104361	yes
AN3040	ChrVI_A_nidulans_FGSC_A4:2035524-2037411	WT_5hasex	WT_veg	OK	7,04922	20,7397	1,55686	-2,61065	0,00903699	0,0480963	yes
AN3056	ChrVI_A_nidulans_FGSC_A4:1982757-1984228	WT_5hasex	WT_veg	OK	9,7413	51,2098	2,39423	-3,93787	8,22095E-05	0,000923262	yes
AN3063	ChrVI_A_nidulans_FGSC_A4:1965059-1967166	WT_5hasex	WT_veg	OK	15,5377	82,071	2,4011	-4,6535	3,26353E-06	5,30609E-05	yes
AN3076	ChrVI_A_nidulans_FGSC_A4:1922142-1923112	WT_5hasex	WT_veg	OK	1,77611	12,1534	2,77457	-2,60972	0,00906176	0,0482037	yes
AN3085	ChrVI_A_nidulans_FGSC_A4:1890896-1892758	WT_5hasex	WT_veg	OK	127,582	1150,92	3,17329	-5,46756	4,56275E-08	1,14528E-06	yes
AN3089	ChrVI_A_nidulans_FGSC_A4:1878110-1879329	WT_5hasex	WT_veg	OK	180,391	449,813	1,3182	-2,64503	0,00816843	0,0443245	yes
AN3114	ChrVI_A_nidulans_FGSC_A4:1781628-1783483	WT_5hasex	WT_veg	OK	37,0994	164,09	2,14502	-4,3691	1,24759E-05	0,000174756	yes

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AN3121	ChrVI_A_nidulans_FGSC_A4:1761578-1762445	WT_5hasex	WT_veg	OK	107,259	678,111	2,66042	-5,02853	4,94243E-07	9,75859E-06	yes
AN3125	ChrVI_A_nidulans_FGSC_A4:1746178-1747604	WT_5hasex	WT_veg	OK	5,96792	28,8553	2,27353	-3,47511	0,000510652	0,00443253	yes
AN3135	ChrVI_A_nidulans_FGSC_A4:1720196-1720823	WT_5hasex	WT_veg	OK	23,3364	96,9126	2,0541	-3,53042	0,000414907	0,0037096	yes
AN3137	ChrVI_A_nidulans_FGSC_A4:1713779-1715105	WT_5hasex	WT_veg	OK	84,7854	223,676	1,39952	-2,89338	0,00381125	0,0238582	yes
AN3139	ChrVI_A_nidulans_FGSC_A4:1708304-1709832	WT_5hasex	WT_veg	OK	11,7217	2,67021	-2,13415	2,63841	0,00832958	0,0450033	yes
AN3140	ChrVI_A_nidulans_FGSC_A4:1706019-1707922	WT_5hasex	WT_veg	OK	71,7192	184,884	1,36619	-2,75595	0,00585223	0,0338039	yes
AN3141	ChrVI_A_nidulans_FGSC_A4:1701745-1704936	WT_5hasex	WT_veg	OK	99,5699	310,753	1,64198	-2,65609	0,00790517	0,0431552	yes
AN3148	ChrVI_A_nidulans_FGSC_A4:1665307-1668740	WT_5hasex	WT_veg	OK	44,5695	158,891	1,83391	-3,47879	0,000503691	0,00437936	yes
AN3150	ChrVI_A_nidulans_FGSC_A4:1660969-1663388	WT_5hasex	WT_veg	OK	74,7072	246,61	1,72291	-3,56791	0,000359843	0,00328253	yes
AN3155	ChrVI_A_nidulans_FGSC_A4:1632340-1634493	WT_5hasex	WT_veg	OK	23,773	80,4776	1,75926	-3,25974	0,00111515	0,00859609	yes
AN3161	ChrVI_A_nidulans_FGSC_A4:1617420-1618559	WT_5hasex	WT_veg	OK	161,183	435,553	1,43415	-2,88348	0,00393309	0,0244573	yes
AN3165	ChrVI_A_nidulans_FGSC_A4:1608561-1610436	WT_5hasex	WT_veg	OK	35,1246	118,127	1,74978	-3,59814	0,000320497	0,00298042	yes
AN3166	ChrVI_A_nidulans_FGSC_A4:1607439-1608212	WT_5hasex	WT_veg	OK	13,0631	40,9401	1,64801	-2,60439	0,00920374	0,0487708	yes
AN3169	ChrVI_A_nidulans_FGSC_A4:1600286-1602206	WT_5hasex	WT_veg	OK	67,4638	211,84	1,65079	-3,43729	0,000587565	0,00500156	yes
AN3170	ChrVI_A_nidulans_FGSC_A4:1595670-1598568	WT_5hasex	WT_veg	OK	14,6409	47,3954	1,69474	-3,22576	0,00125637	0,00947418	yes
AN3171	ChrVI_A_nidulans_FGSC_A4:1594015-1594873	WT_5hasex	WT_veg	OK	16,7134	55,7384	1,73767	-2,61482	0,00892757	0,0476592	yes
AN3173	ChrVI_A_nidulans_FGSC_A4:1591211-1592199	WT_5hasex	WT_veg	OK	70,1154	211,639	1,5938	-3,25892	0,00111837	0,00861959	yes
AN3174	ChrVI_A_nidulans_FGSC_A4:1589088-1589895	WT_5hasex	WT_veg	OK	7,79945	28,2959	1,85915	-2,69639	0,00700946	0,0391797	yes
AN3175	ChrVI_A_nidulans_FGSC_A4:1581973-1583611	WT_5hasex	WT_veg	OK	1,5925	35,8123	4,49109	-6,06452	1,3235E-09	4,5478E-08	yes
AN3179	ChrVI_A_nidulans_FGSC_A4:1572738-1574866	WT_5hasex	WT_veg	OK	87,9496	232,608	1,40315	-2,88961	0,00385717	0,0240766	yes
AN3188	ChrVI_A_nidulans_FGSC_A4:1539289-1543022	WT_5hasex	WT_veg	OK	34,9585	104,587	1,58099	-3,30207	0,000959752	0,00759139	yes
AN3194	ChrVI_A_nidulans_FGSC_A4:1519689-1521804	WT_5hasex	WT_veg	OK	24,594	83,3356	1,76062	-3,30088	0,000963833	0,00761332	yes
AN3198	ChrVI_A_nidulans_FGSC_A4:1511882-1512867	WT_5hasex	WT_veg	OK	59,1576	20,6003	-1,5219	2,72359	0,00645758	0,0367023	yes
AN3206	ChrVI_A_nidulans_FGSC_A4:1480835-1482864	WT_5hasex	WT_veg	OK	99,3959	15,796	-2,65362	4,56889	4,90304E-06	7,60709E-05	yes
AN3222	ChrVI_A_nidulans_FGSC_A4:1418640-1420425	WT_5hasex	WT_veg	OK	91,8931	265,694	1,53174	-3,12174	0,00179788	0,0127676	yes
AN3227	ChrVI_A_nidulans_FGSC_A4:1404836-1406437	WT_5hasex	WT_veg	OK	24,1786	0,113703	-7,73232	2,6118	0,00900678	0,047994	yes
AN3228	ChrVI_A_nidulans_FGSC_A4:1402956-1403965	WT_5hasex	WT_veg	OK	56,9336	6,92673	-3,03903	4,52652	5,99623E-06	9,11031E-05	yes
AN3229	ChrVI_A_nidulans_FGSC_A4:1400277-1402216	WT_5hasex	WT_veg	OK	52,0161	4,8026	-3,43707	5,4271	5,72778E-08	1,41179E-06	yes
AN3231	ChrVI_A_nidulans_FGSC_A4:1390865-1392196	WT_5hasex	WT_veg	OK	38,5036	130,206	1,75773	-3,56093	0,000369548	0,00335732	yes
AN3232	ChrVI_A_nidulans_FGSC_A4:1388855-1390532	WT_5hasex	WT_veg	OK	6,2897	70,1442	3,47926	-5,55184	2,82683E-08	7,43259E-07	yes
AN3239	ChrVI_A_nidulans_FGSC_A4:1370151-1371627	WT_5hasex	WT_veg	OK	103,146	16,8961	-2,60992	4,39254	1,12036E-05	0,000158888	yes
AN3246	ChrVI_A_nidulans_FGSC_A4:1354082-1354760	WT_5hasex	WT_veg	OK	1,33982	26,4803	4,30481	-4,61222	0,000003984	6,30343E-05	yes
AN3247	ChrVI_A_nidulans_FGSC_A4:1346222-1350716	WT_5hasex	WT_veg	OK	20,8309	0,199484	-6,70631	4,73948	2,14268E-06	3,65736E-05	yes
AN3251	ChrVI_A_nidulans_FGSC_A4:1337289-1338294	WT_5hasex	WT_veg	OK	4,55189	31,5107	2,7913	-3,88746	0,000101301	0,00110822	yes
AN3255	ChrVI_A_nidulans_FGSC_A4:1324990-1326065	WT_5hasex	WT_veg	OK	32,1398	489,955	3,93022	-7,05567	1,71774E-12	9,26058E-11	yes
AN3258	ChrVI_A_nidulans_FGSC_A4:1315104-1315869	WT_5hasex	WT_veg	OK	93,0877	406,331	2,12599	-4,07792	4,54403E-05	0,000550735	yes
AN3264	ChrVI_A_nidulans_FGSC_A4:1296287-1298112	WT_5hasex	WT_veg	OK	29,4019	99,5289	1,75921	-3,19914	0,0013784	0,0102339	yes
AN3301	ChrVI_A_nidulans_FGSC_A4:1193758-1195433	WT_5hasex	WT_veg	OK	10,3558	29,9329	1,53129	-2,62147	0,00875522	0,0469016	yes
AN3310	ChrVI_A_nidulans_FGSC_A4:1160819-1161982	WT_5hasex	WT_veg	OK	729,738	5336,73	2,8705	-4,66227	3,12744E-06	0,000051102	yes
AN3312	ChrVI_A_nidulans_FGSC_A4:1155220-1156304	WT_5hasex	WT_veg	OK	38,8882	149,48	1,94254	-3,17408	0,00150315	0,0110119	yes
AN3313	ChrVI_A_nidulans_FGSC_A4:1152134-1153435	WT_5hasex	WT_veg	OK	16,2099	72,955	2,17013	-3,81463	0,000136387	0,00143808	yes
AN3314	ChrVI_A_nidulans_FGSC_A4:1149169-1149970	WT_5hasex	WT_veg	OK	9,15062	57,4297	2,64986	-2,98424	0,00284281	0,0186842	yes
AN3315	ChrVI_A_nidulans_FGSC_A4:1145054-1147689	WT_5hasex	WT_veg	OK	6,78589	1,04725	-2,69593	2,80867	0,00497465	0,0296162	yes
AN3321	ChrVI_A_nidulans_FGSC_A4:1117905-1119454	WT_5hasex	WT_veg	OK	4,91193	17,0689	1,79701	-2,6916	0,00711099	0,0396162	yes
AN3322	ChrVI_A_nidulans_FGSC_A4:1115171-1116644	WT_5hasex	WT_veg	OK	2,38817	11,2748	2,23913	-2,73323	0,00627156	0,0358349	yes
AN3334	ChrVI_A_nidulans_FGSC_A4:1064589-1065717	WT_5hasex	WT_veg	OK	20,6822	78,7164	1,92828	-3,37007	0,000751483	0,00615108	yes

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AN3336	ChrVI_A_nidulans_FGSC_A4:1058426-1059431	WT_5hasex	WT_veg	OK	15,8021	0,632131	-4,64375	3,30349	0,000954905	0,00756214	yes
AN3341	ChrVI_A_nidulans_FGSC_A4:1039266-1041000	WT_5hasex	WT_veg	OK	0,351559	8,42835	4,58341	-4,45736	8,29755E-06	0,000121795	yes
AN3342	ChrVI_A_nidulans_FGSC_A4:1033272-1037426	WT_5hasex	WT_veg	OK	3,55358	16,1188	2,1814	-3,36832	0,000756273	0,00618352	yes
AN3345	ChrVI_A_nidulans_FGSC_A4:1021784-1023826	WT_5hasex	WT_veg	OK	13,9013	50,0511	1,84818	-3,09996	0,00193544	0,0135807	yes
AN3346	ChrVI_A_nidulans_FGSC_A4:1019349-1020678	WT_5hasex	WT_veg	OK	10,06	37,3919	1,8941	-2,90918	0,00362382	0,0228873	yes
AN3356	ChrVI_A_nidulans_FGSC_A4:984249-986704	WT_5hasex	WT_veg	OK	58,691	164,47	1,48661	-2,72805	0,00637101	0,0362963	yes
AN3359	ChrVI_A_nidulans_FGSC_A4:969082-970949	WT_5hasex	WT_veg	OK	96,8682	398,99	2,04226	-4,23903	2,24485E-05	0,00029549	yes
AN3373	ChrVI_A_nidulans_FGSC_A4:926303-928264	WT_5hasex	WT_veg	OK	19,7916	60,6119	1,61471	-3,19656	0,00139077	0,0103082	yes
AN3375	ChrVI_A_nidulans_FGSC_A4:920937-922820	WT_5hasex	WT_veg	OK	98,7067	463,189	2,23038	-4,50236	6,72045E-06	0,000100878	yes
AN3379	ChrVI_A_nidulans_FGSC_A4:908258-909649	WT_5hasex	WT_veg	OK	5,83772	29,5088	2,33767	-3,04318	0,00234089	0,0159102	yes
AN3381	ChrVI_A_nidulans_FGSC_A4:895605-901877	WT_5hasex	WT_veg	OK	9,31054	1,50148	-2,63248	4,93989	7,81672E-07	1,47661E-05	yes
AN3411	ChrVI_A_nidulans_FGSC_A4:801380-802354	WT_5hasex	WT_veg	OK	67,3108	210,716	1,64639	-3,34398	0,000825844	0,00667014	yes
AN3425	ChrVI_A_nidulans_FGSC_A4:761669-763221	WT_5hasex	WT_veg	OK	50,8365	276,229	2,44193	-5,08503	3,6756E-07	7,51791E-06	yes
AN3427	ChrVI_A_nidulans_FGSC_A4:756390-757684	WT_5hasex	WT_veg	OK	20,8622	82,4688	1,98296	-3,69277	0,000221828	0,00217846	yes
AN3445	ChrVI_A_nidulans_FGSC_A4:690061-692561	WT_5hasex	WT_veg	OK	40,2228	115,387	1,5204	-3,15811	0,00158797	0,0115237	yes
AN3452	ChrVI_A_nidulans_FGSC_A4:671179-673039	WT_5hasex	WT_veg	OK	45,0405	149,912	1,73482	-3,31322	0,000922291	0,00734162	yes
AN3453	ChrVI_A_nidulans_FGSC_A4:668636-670503	WT_5hasex	WT_veg	OK	29,753	105,441	1,82533	-3,65008	0,000262156	0,00251989	yes
AN3455	ChrVI_A_nidulans_FGSC_A4:660826-664329	WT_5hasex	WT_veg	OK	19,9741	59,5567	1,57614	-3,12854	0,00175676	0,0125454	yes
AN3458	ChrVI_A_nidulans_FGSC_A4:655061-655844	WT_5hasex	WT_veg	OK	64,8772	233,566	1,84805	-3,64829	0,000263987	0,00253273	yes
AN3459	ChrVI_A_nidulans_FGSC_A4:652904-654893	WT_5hasex	WT_veg	OK	153,104	389,274	1,34627	-2,63855	0,00832613	0,0449939	yes
AN3464	ChrVI_A_nidulans_FGSC_A4:637743-638775	WT_5hasex	WT_veg	OK	42,6533	151,832	1,83174	-3,57852	0,000345551	0,00317335	yes
AN3465	ChrVI_A_nidulans_FGSC_A4:634354-637153	WT_5hasex	WT_veg	OK	10,09	35,9337	1,83241	-2,65643	0,00789734	0,0431259	yes
AN3480	ChrII_A_nidulans_FGSC_A4:4041023-4041785	WT_5hasex	WT_veg	OK	20,7134	170,404	3,04032	-5,05994	4,1938E-07	8,4492E-06	yes
AN3481	ChrII_A_nidulans_FGSC_A4:4038500-4039021	WT_5hasex	WT_veg	OK	612,58	3139,57	2,3576	-4,18699	2,82674E-05	0,00036359	yes
AN3482	ChrII_A_nidulans_FGSC_A4:4036696-4037949	WT_5hasex	WT_veg	OK	11,9741	60,4396	2,33557	-3,57607	0,000348797	0,00319987	yes
AN3506	ChrII_A_nidulans_FGSC_A4:3952383-3953767	WT_5hasex	WT_veg	OK	12,1798	63,3639	2,37918	-4,04622	5,20514E-05	0,000619486	yes
AN3526	ChrII_A_nidulans_FGSC_A4:3886421-3888378	WT_5hasex	WT_veg	OK	16,669	70,7696	2,08596	-3,24513	0,00117399	0,00896389	yes
AN3530	ChrII_A_nidulans_FGSC_A4:3873132-3874642	WT_5hasex	WT_veg	OK	14,7575	57,7194	1,96761	-3,17706	0,00148778	0,0109192	yes
AN3538	ChrII_A_nidulans_FGSC_A4:3846369-3846945	WT_5hasex	WT_veg	OK	0	6,09661	1.79769e+308	1.79769e+308	0,0037306	0,023443	yes
AN3557	ChrII_A_nidulans_FGSC_A4:3766665-3767897	WT_5hasex	WT_veg	OK	11,465	62,6982	2,45118	-3,52951	0,000416327	0,00371912	yes
AN3558	ChrII_A_nidulans_FGSC_A4:3765474-3766051	WT_5hasex	WT_veg	OK	5,48725	50,0264	3,18854	-3,89549	0,000097999	0,00107681	yes
AN3595	ChrII_A_nidulans_FGSC_A4:3662418-3663027	WT_5hasex	WT_veg	OK	95,9971	314,098	1,71015	-3,3564	0,000789632	0,00642022	yes
AN3599	ChrII_A_nidulans_FGSC_A4:3652208-3653391	WT_5hasex	WT_veg	OK	37,0427	99,4073	1,42416	-2,68954	0,00715512	0,039824	yes
AN3603	ChrII_A_nidulans_FGSC_A4:3640591-3642137	WT_5hasex	WT_veg	OK	16,1752	47,3224	1,54874	-2,80674	0,00500455	0,0297705	yes
AN3627	ChrII_A_nidulans_FGSC_A4:3550894-3556382	WT_5hasex	WT_veg	OK	120,488	2245,78	4,22026	-6,74898	1,48892E-11	6,91075E-10	yes
AN3630	ChrII_A_nidulans_FGSC_A4:3540854-3542135	WT_5hasex	WT_veg	OK	37,0325	94,716	1,35482	-2,69113	0,00712109	0,0396556	yes
AN3638	ChrII_A_nidulans_FGSC_A4:3524272-3525413	WT_5hasex	WT_veg	OK	155,205	25,0087	-2,63367	5,29036	1,22077E-07	2,78255E-06	yes
AN3650	ChrII_A_nidulans_FGSC_A4:3487103-3490492	WT_5hasex	WT_veg	OK	23,2406	61,9401	1,41423	-2,91048	0,0036088	0,0228137	yes
AN3651	ChrII_A_nidulans_FGSC_A4:3485724-3486954	WT_5hasex	WT_veg	OK	31,4636	96,3108	1,61401	-3,07672	0,00209292	0,0145109	yes
AN3652	ChrII_A_nidulans_FGSC_A4:3483746-3485367	WT_5hasex	WT_veg	OK	6,03642	30,2391	2,32465	-3,60327	0,000314237	0,00293314	yes
AN3663	ChrII_A_nidulans_FGSC_A4:3452415-3453451	WT_5hasex	WT_veg	OK	28,2629	94,3792	1,73956	-3,24855	0,00115994	0,00887604	yes
AN3666	ChrII_A_nidulans_FGSC_A4:3443817-3444650	WT_5hasex	WT_veg	OK	13,3582	46,5305	1,80045	-2,82321	0,00475448	0,0285814	yes
AN3669	ChrII_A_nidulans_FGSC_A4:3424128-3425670	WT_5hasex	WT_veg	OK	33,6568	89,613	1,41281	-2,81152	0,00493085	0,0294192	yes
AN3677	ChrII_A_nidulans_FGSC_A4:3401918-3403753	WT_5hasex	WT_veg	OK	8,80947	25,3753	1,5263	-2,62173	0,00874857	0,0468711	yes
AN3679	ChrII_A_nidulans_FGSC_A4:3396757-3397803	WT_5hasex	WT_veg	OK	109,386	362,083	1,72689	-3,21782	0,0012917	0,00969878	yes
AN3680	ChrII_A_nidulans_FGSC_A4:3395887-3396418	WT_5hasex	WT_veg	OK	787,048	4641,4	2,56004	-4,46876	7,86748E-06	0,00011633	yes

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AN3681	ChrII_A_nidulans_FGSC_A4:3392941-3393899	WT_5hasex	WT_veg	OK	77,3294	432,941	2,48508	-5,09858	3,42219E-07	7,05745E-06	yes
AN3687	ChrII_A_nidulans_FGSC_A4:3373590-3374608	WT_5hasex	WT_veg	OK	167,286	419,395	1,32599	-2,77475	0,00552445	0,0322401	yes
AN3689	ChrII_A_nidulans_FGSC_A4:3363175-3365499	WT_5hasex	WT_veg	OK	68,7701	176,541	1,36015	-2,83324	0,00460782	0,0278563	yes
AN3691	ChrII_A_nidulans_FGSC_A4:3356894-3359429	WT_5hasex	WT_veg	OK	23,2064	84,6951	1,86775	-3,82325	0,000131706	0,00139653	yes
AN3695	ChrII_A_nidulans_FGSC_A4:3347285-3349177	WT_5hasex	WT_veg	OK	65,155	159,882	1,29506	-2,70702	0,00678904	0,0382249	yes
AN3703	ChrII_A_nidulans_FGSC_A4:3327356-3327970	WT_5hasex	WT_veg	OK	680,41	4779,46	2,81237	-5,25762	1,45935E-07	3,27787E-06	yes
AN3736	ChrII_A_nidulans_FGSC_A4:3227197-3228775	WT_5hasex	WT_veg	OK	5,33869	26,8617	2,33099	-3,6542	0,000257989	0,00248377	yes
AN3745	ChrII_A_nidulans_FGSC_A4:3206210-3206927	WT_5hasex	WT_veg	OK	47,7083	237,929	2,31822	-4,26093	2,03575E-05	0,000270704	yes
AN3747	ChrII_A_nidulans_FGSC_A4:3198599-3200194	WT_5hasex	WT_veg	OK	132,167	360,509	1,44767	-2,94909	0,00318711	0,0205577	yes
AN3751	ChrII_A_nidulans_FGSC_A4:3179477-3182344	WT_5hasex	WT_veg	OK	13,0757	63,238	2,2739	-4,51517	6,32673E-06	9,55979E-05	yes
AN3761	ChrII_A_nidulans_FGSC_A4:3141347-3144917	WT_5hasex	WT_veg	OK	21,0363	78,5795	1,90127	-3,74215	0,000182454	0,00184274	yes
AN3768	ChrII_A_nidulans_FGSC_A4:3108684-3110983	WT_5hasex	WT_veg	OK	26,6789	67,7817	1,3452	-2,69496	0,0070398	0,0392965	yes
AN3773	ChrII_A_nidulans_FGSC_A4:3096851-3099236	WT_5hasex	WT_veg	OK	30,2138	82,6941	1,45258	-2,87937	0,00398472	0,0247143	yes
AN3794	ChrII_A_nidulans_FGSC_A4:3037215-3040143	WT_5hasex	WT_veg	OK	10,5503	56,3491	2,41711	-4,63574	3,55661E-06	5,71522E-05	yes
AN3796	ChrII_A_nidulans_FGSC_A4:3023689-3024759	WT_5hasex	WT_veg	OK	280,529	82,2669	-1,76977	3,57474	0,000350583	0,00321255	yes
AN3807	ChrII_A_nidulans_FGSC_A4:2989380-2991397	WT_5hasex	WT_veg	OK	72,3118	244,042	1,75483	-3,58834	0,000332787	0,00307398	yes
AN3812	ChrII_A_nidulans_FGSC_A4:2980523-2981596	WT_5hasex	WT_veg	OK	32,3283	92,5881	1,51803	-2,91173	0,00359437	0,0227426	yes
AN3820	ChrII_A_nidulans_FGSC_A4:2958564-2959753	WT_5hasex	WT_veg	OK	11,6685	41,4389	1,82836	-2,82109	0,00478611	0,0287353	yes
AN3827	ChrII_A_nidulans_FGSC_A4:2932289-2934601	WT_5hasex	WT_veg	OK	29,5009	181,506	2,62118	-5,0171	5,24566E-07	1,02952E-05	yes
AN3829	ChrII_A_nidulans_FGSC_A4:2927061-2929034	WT_5hasex	WT_veg	OK	115,243	509,436	2,14422	-4,27568	1,90557E-05	0,000255451	yes
AN3843	ChrII_A_nidulans_FGSC_A4:2889612-2891790	WT_5hasex	WT_veg	OK	151,433	458,902	1,59951	-3,1548	0,00160609	0,0116358	yes
AN3845	ChrII_A_nidulans_FGSC_A4:2882697-2883301	WT_5hasex	WT_veg	OK	21,1036	95,4719	2,17758	-3,42484	0,000615173	0,00519772	yes
AN3846	ChrII_A_nidulans_FGSC_A4:2881061-2882501	WT_5hasex	WT_veg	OK	213,969	965,791	2,17431	-4,26901	1,96342E-05	0,000262066	yes
AN3848	ChrII_A_nidulans_FGSC_A4:2877598-2878047	WT_5hasex	WT_veg	OK	251,932	2189,44	3,11945	-6,34498	2,22454E-10	8,75152E-09	yes
AN3872	ChrII_A_nidulans_FGSC_A4:2820683-2821543	WT_5hasex	WT_veg	OK	203,958	1014,7	2,31471	-4,2842	1,83399E-05	0,000248013	yes
AN3876	ChrII_A_nidulans_FGSC_A4:2811202-2812914	WT_5hasex	WT_veg	OK	11,2021	50,1375	2,16212	-3,56336	0,000366144	0,00333102	yes
AN3895	ChrII_A_nidulans_FGSC_A4:2747115-2748975	WT_5hasex	WT_veg	OK	7,82968	26,1356	1,73899	-2,68361	0,00728328	0,0404257	yes
AN3900	ChrII_A_nidulans_FGSC_A4:2733967-2736316	WT_5hasex	WT_veg	OK	6,43629	30,1681	2,22872	-3,64582	0,00026654	0,00255155	yes
AN3916	ChrII_A_nidulans_FGSC_A4:2655310-2657364	WT_5hasex	WT_veg	OK	3,86693	29,417	2,92739	-4,38045	1,18432E-05	0,000166711	yes
AN3919	ChrII_A_nidulans_FGSC_A4:2647132-2648883	WT_5hasex	WT_veg	OK	57,6963	168,433	1,54562	-3,20372	0,00135665	0,0101055	yes
AN3923	ChrII_A_nidulans_FGSC_A4:2634860-2641743	WT_5hasex	WT_veg	OK	12,6599	32,4033	1,35587	-2,78645	0,00532892	0,0312986	yes
AN3924	ChrII_A_nidulans_FGSC_A4:2632635-2634483	WT_5hasex	WT_veg	OK	16,4582	62,3944	1,92261	-3,70443	0,000211863	0,00209311	yes
AN3933	ChrII_A_nidulans_FGSC_A4:2607820-2611753	WT_5hasex	WT_veg	OK	26,9658	68,7528	1,35029	-2,837	0,00455391	0,0275973	yes
AN3935	ChrII_A_nidulans_FGSC_A4:2603343-2604379	WT_5hasex	WT_veg	OK	116,061	482,408	2,05536	-4,27982	1,87045E-05	0,000251773	yes
AN3938	ChrII_A_nidulans_FGSC_A4:2590236-2598156	WT_5hasex	WT_veg	OK	4,60298	19,9339	2,11458	-4,15862	3,20172E-05	0,000406238	yes
AN3944	ChrII_A_nidulans_FGSC_A4:2567154-2570379	WT_5hasex	WT_veg	OK	12,3747	45,6151	1,88212	-3,72274	0,000197072	0,00196742	yes
AN3953	ChrII_A_nidulans_FGSC_A4:2525834-2526896	WT_5hasex	WT_veg	OK	19,6021	60,5655	1,62749	-2,91247	0,00358585	0,0226967	yes
AN3960	ChrII_A_nidulans_FGSC_A4:2507574-2509298	WT_5hasex	WT_veg	OK	0,667279	4,10783	2,62201	-2,86686	0,0041457	0,025537	yes
AN3973	ChrII_A_nidulans_FGSC_A4:2462856-2463780	WT_5hasex	WT_veg	OK	119,923	370,012	1,62547	-3,39348	0,000690102	0,00572376	yes
AN4002	ChrII_A_nidulans_FGSC_A4:2372643-2373752	WT_5hasex	WT_veg	OK	6,59557	34,7752	2,39849	-3,6324	0,000280793	0,00266705	yes
AN4003	ChrII_A_nidulans_FGSC_A4:2369971-2371083	WT_5hasex	WT_veg	OK	10,895	202,944	4,21935	-6,96783	3,21854E-12	1,65838E-10	yes
AN4008	ChrII_A_nidulans_FGSC_A4:2352786-2354155	WT_5hasex	WT_veg	OK	218,162	1268,25	2,53937	-3,75837	0,000171027	0,00174191	yes
AN4009	ChrII_A_nidulans_FGSC_A4:2351265-2352654	WT_5hasex	WT_veg	OK	1,33714	7,89376	2,56157	-2,96337	0,00304291	0,0197859	yes
AN4011	ChrII_A_nidulans_FGSC_A4:2346871-2348350	WT_5hasex	WT_veg	OK	1,78456	7,50307	2,07191	-2,6571	0,00788167	0,0430673	yes
AN4019	ChrII_A_nidulans_FGSC_A4:2323534-2325493	WT_5hasex	WT_veg	OK	25,7428	71,4597	1,47296	-2,7629	0,00572907	0,0332574	yes
AN4022	ChrII_A_nidulans_FGSC_A4:2317509-2319762	WT_5hasex	WT_veg	OK	4,99509	16,6401	1,73608	-2,8292	0,00466642	0,0281522	yes

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AN4025	ChrII_A_nidulans_FGSC_A4:2311017-2311958	WT_5hasex	WT_veg	OK	125,54	562,844	2,16458	-4,43226	9,32489E-06	0,000135246	yes
AN4039	ChrII_A_nidulans_FGSC_A4:2266587-2271357	WT_5hasex	WT_veg	OK	46,014	167,573	1,86465	-3,72196	0,000197686	0,00197279	yes
AN4046	ChrII_A_nidulans_FGSC_A4:2243653-2245510	WT_5hasex	WT_veg	OK	34,9514	187,16	2,42085	-5,01692	5,25076E-07	1,03014E-05	yes
AN4057	ChrII_A_nidulans_FGSC_A4:2214368-2216408	WT_5hasex	WT_veg	OK	58,4312	168,921	1,53154	-3,12113	0,00180162	0,0127907	yes
AN4062	ChrII_A_nidulans_FGSC_A4:2202356-2203864	WT_5hasex	WT_veg	OK	65,2043	168,17	1,36688	-2,81736	0,00484201	0,0289879	yes
AN4063	ChrII_A_nidulans_FGSC_A4:2200586-2202014	WT_5hasex	WT_veg	OK	31,6041	93,6267	1,56681	-3,1239	0,00178468	0,0127031	yes
AN4065	ChrII_A_nidulans_FGSC_A4:2195769-2197737	WT_5hasex	WT_veg	OK	24,4969	160,102	2,70832	-5,4676	4,56171E-08	1,14528E-06	yes
AN4088	ChrII_A_nidulans_FGSC_A4:2115612-2117361	WT_5hasex	WT_veg	OK	92,179	286,116	1,63409	-3,14234	0,00167605	0,0120495	yes
AN4089	ChrII_A_nidulans_FGSC_A4:2111905-2114372	WT_5hasex	WT_veg	OK	104,939	275,172	1,39078	-2,69904	0,00695401	0,0389154	yes
AN4094	ChrII_A_nidulans_FGSC_A4:2098621-2100188	WT_5hasex	WT_veg	OK	97,0284	329,535	1,76395	-3,68524	0,000228487	0,00223547	yes
AN4100	ChrII_A_nidulans_FGSC_A4:2084470-2085249	WT_5hasex	WT_veg	OK	3,37017	14,2142	2,07644	-2,63026	0,00853187	0,0459257	yes
AN4101	ChrII_A_nidulans_FGSC_A4:2083155-2084445	WT_5hasex	WT_veg	OK	3,54095	16,381	2,20981	-2,98477	0,00283788	0,0186611	yes
AN4113	ChrII_A_nidulans_FGSC_A4:2050750-2054594	WT_5hasex	WT_veg	OK	206,68	805,023	1,96163	-3,18806	0,00143229	0,0105607	yes
AN4114	ChrII_A_nidulans_FGSC_A4:2044365-2046785	WT_5hasex	WT_veg	OK	0,831301	5,47987	2,7207	-2,87373	0,00405655	0,0250585	yes
AN4119	ChrII_A_nidulans_FGSC_A4:2030219-2031888	WT_5hasex	WT_veg	OK	404,778	8,4472	-5,58252	8,01465	1,11022E-15	9,07612E-14	yes
AN4120	ChrII_A_nidulans_FGSC_A4:2026356-2027592	WT_5hasex	WT_veg	OK	111,918	20,3193	-2,46152	4,17502	0,000029796	0,00038166	yes
AN4127	ChrII_A_nidulans_FGSC_A4:2010140-2011047	WT_5hasex	WT_veg	OK	3707,78	608,613	-2,60696	3,07813	0,00208301	0,0144517	yes
AN4148	ChrII_A_nidulans_FGSC_A4:1944776-1946741	WT_5hasex	WT_veg	OK	129,553	504,066	1,96008	-3,25292	0,00114224	0,00875977	yes
AN4151	ChrII_A_nidulans_FGSC_A4:1936664-1938293	WT_5hasex	WT_veg	OK	39,3754	171,323	2,12135	-4,0912	4,29141E-05	0,000524926	yes
AN4161	ChrII_A_nidulans_FGSC_A4:1907504-1908763	WT_5hasex	WT_veg	OK	17,7055	51,9254	1,55224	-2,79509	0,00518845	0,030635	yes
AN4162	ChrII_A_nidulans_FGSC_A4:1905539-1907274	WT_5hasex	WT_veg	OK	41,8323	156,917	1,90731	-3,97225	7,11964E-05	0,000815483	yes
AN4164	ChrII_A_nidulans_FGSC_A4:1902214-1903341	WT_5hasex	WT_veg	OK	86,1401	374,722	2,12106	-4,42935	9,45166E-06	0,000136857	yes
AN4168	ChrII_A_nidulans_FGSC_A4:1892887-1894909	WT_5hasex	WT_veg	OK	65,2018	191,886	1,55727	-3,15425	0,00160913	0,0116547	yes
AN4171	ChrII_A_nidulans_FGSC_A4:1875262-1877268	WT_5hasex	WT_veg	OK	139,945	435,467	1,6377	-3,23424	0,00121968	0,00924809	yes
AN4177	ChrII_A_nidulans_FGSC_A4:1858340-1859659	WT_5hasex	WT_veg	OK	2,32897	9,77939	2,07005	-2,71799	0,0065679	0,0372359	yes
AN4187	ChrII_A_nidulans_FGSC_A4:1823030-1830133	WT_5hasex	WT_veg	OK	26,1261	68,7875	1,39666	-2,90585	0,00366257	0,0230986	yes
AN4191	ChrII_A_nidulans_FGSC_A4:1808443-1809151	WT_5hasex	WT_veg	OK	7,1974	48,2651	2,74543	-3,98325	6,79783E-05	0,000783245	yes
AN4192	ChrII_A_nidulans_FGSC_A4:1805300-1807311	WT_5hasex	WT_veg	OK	38,6067	152,843	1,98513	-4,14844	3,34752E-05	0,000421918	yes
AN4196	ChrII_A_nidulans_FGSC_A4:1790205-1791945	WT_5hasex	WT_veg	OK	22,2939	63,9525	1,52035	-2,71689	0,00658981	0,0373278	yes
AN4197	ChrII_A_nidulans_FGSC_A4:1786822-1789111	WT_5hasex	WT_veg	OK	83,7218	226,797	1,43772	-2,75369	0,00589278	0,0339856	yes
AN4198	ChrII_A_nidulans_FGSC_A4:1784860-1786481	WT_5hasex	WT_veg	OK	5,48756	33,9568	2,62946	-3,97979	6,89773E-05	0,000794058	yes
AN4199	ChrII_A_nidulans_FGSC_A4:1777899-1779000	WT_5hasex	WT_veg	OK	6,70276	27,7546	2,0499	-3,05613	0,00224217	0,0153664	yes
AN4208	ChrII_A_nidulans_FGSC_A4:1741507-1745606	WT_5hasex	WT_veg	OK	65,1003	271,357	2,05946	-4,09421	4,23603E-05	0,000518879	yes
AN4224	ChrII_A_nidulans_FGSC_A4:1689778-1691406	WT_5hasex	WT_veg	OK	181,652	487,447	1,42407	-2,85314	0,00432899	0,0264898	yes
AN4226	ChrII_A_nidulans_FGSC_A4:1684327-1685840	WT_5hasex	WT_veg	OK	18,8741	87,663	2,21556	-4,10496	4,04382E-05	0,000497778	yes
AN4229	ChrII_A_nidulans_FGSC_A4:1678593-1680803	WT_5hasex	WT_veg	OK	6,74859	25,6466	1,92611	-3,26235	0,00110492	0,00852979	yes
AN4232	ChrII_A_nidulans_FGSC_A4:1673498-1675198	WT_5hasex	WT_veg	OK	18,2171	91,9317	2,33526	-4,2609	2,03606E-05	0,000270704	yes
AN4233	ChrII_A_nidulans_FGSC_A4:1671844-1673305	WT_5hasex	WT_veg	OK	18,2222	92,1568	2,33839	-4,26393	2,00866E-05	0,000267288	yes
AN4239	ChrII_A_nidulans_FGSC_A4:1645933-1647881	WT_5hasex	WT_veg	OK	73,7169	253,039	1,77929	-3,30218	0,000959374	0,00758954	yes
AN4241	ChrII_A_nidulans_FGSC_A4:1641526-1643386	WT_5hasex	WT_veg	OK	7,608	24,3063	1,67574	-2,76465	0,00569832	0,0331009	yes
AN4247	ChrII_A_nidulans_FGSC_A4:1626907-1629418	WT_5hasex	WT_veg	OK	34,3908	83,9675	1,28781	-2,67982	0,0073661	0,0407828	yes
AN4249	ChrII_A_nidulans_FGSC_A4:1623126-1625574	WT_5hasex	WT_veg	OK	58,3078	194,998	1,7417	-3,59738	0,000321438	0,00298705	yes
AN4252	ChrII_A_nidulans_FGSC_A4:1612280-1613308	WT_5hasex	WT_veg	OK	1833,19	8095,18	2,14271	-2,96699	0,0030073	0,0195835	yes
AN4253	ChrII_A_nidulans_FGSC_A4:1610062-1611396	WT_5hasex	WT_veg	OK	61,4337	183,874	1,58161	-3,16601	0,00154548	0,0112653	yes
AN4256	ChrII_A_nidulans_FGSC_A4:1604129-1604670	WT_5hasex	WT_veg	OK	15,3143	69,6354	2,18494	-3,11542	0,00183685	0,0129986	yes
AN4265	ChrII_A_nidulans_FGSC_A4:1576693-1579685	WT_5hasex	WT_veg	OK	36,1092	89,429	1,30838	-2,66211	0,00776533	0,0425658	yes

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AN4266	ChrII_A_nidulans_FGSC_A4:1572883-1576057	WT_5hasex	WT_veg	OK	16,2027	41,4983	1,35682	-2,65674	0,00789003	0,0430995	yes
AN4267	ChrII_A_nidulans_FGSC_A4:1566187-1570713	WT_5hasex	WT_veg	OK	31,2902	79,2801	1,34125	-2,71067	0,00671472	0,0378879	yes
AN4277	ChrII_A_nidulans_FGSC_A4:1533873-1536067	WT_5hasex	WT_veg	OK	4,8081	48,3204	3,32909	-4,713	2,44096E-06	4,08923E-05	yes
AN4290	ChrIII_A_nidulans_FGSC_A4:2483349-2484927	WT_5hasex	WT_veg	OK	61,7606	165,755	1,4243	-2,95084	0,00316915	0,0204574	yes
AN4295	ChrIII_A_nidulans_FGSC_A4:2468946-2470105	WT_5hasex	WT_veg	OK	515,124	2114,49	2,03732	-3,19141	0,00141581	0,0104613	yes
AN4298	ChrIII_A_nidulans_FGSC_A4:2465054-2467233	WT_5hasex	WT_veg	OK	18,366	163,311	3,15251	-6,20089	5,61451E-10	2,0763E-08	yes
AN4299	ChrIII_A_nidulans_FGSC_A4:2462754-2463509	WT_5hasex	WT_veg	OK	2368,66	9510,63	2,00547	-3,05967	0,00221583	0,015218	yes
AN4305	ChrIII_A_nidulans_FGSC_A4:2451750-2452479	WT_5hasex	WT_veg	OK	40,6769	107,607	1,40349	-2,63885	0,0083187	0,0449584	yes
AN4308	ChrIII_A_nidulans_FGSC_A4:2444412-2445456	WT_5hasex	WT_veg	OK	114,271	344,019	1,59003	-3,24149	0,00118907	0,00906056	yes
AN4309	ChrIII_A_nidulans_FGSC_A4:2443091-2443893	WT_5hasex	WT_veg	OK	52,7866	153,893	1,54368	-2,8851	0,0039129	0,0243491	yes
AN4311	ChrIII_A_nidulans_FGSC_A4:2435787-2437029	WT_5hasex	WT_veg	OK	28,9573	90,8665	1,64982	-3,23854	0,00120143	0,00912936	yes
AN4313	ChrIII_A_nidulans_FGSC_A4:2427350-2429258	WT_5hasex	WT_veg	OK	15,0469	134,165	3,15647	-5,89529	3,74025E-09	1,17999E-07	yes
AN4314	ChrIII_A_nidulans_FGSC_A4:2423232-2426414	WT_5hasex	WT_veg	OK	23,6509	75,3885	1,67245	-3,36747	0,000758622	0,00619983	yes
AN4324	ChrIII_A_nidulans_FGSC_A4:2387354-2388252	WT_5hasex	WT_veg	OK	90,94	325,837	1,84116	-3,4172	0,000632699	0,00532093	yes
AN4330	ChrIII_A_nidulans_FGSC_A4:2368143-2370432	WT_5hasex	WT_veg	OK	11,5139	80,8642	2,81213	-5,21758	1,81275E-07	3,97454E-06	yes
AN4338	ChrIII_A_nidulans_FGSC_A4:2347730-2348632	WT_5hasex	WT_veg	OK	11,9713	49,7634	2,0555	-2,74738	0,00600727	0,0345319	yes
AN4339	ChrIII_A_nidulans_FGSC_A4:2342874-2345262	WT_5hasex	WT_veg	OK	8,55913	34,4852	2,01044	-3,25861	0,0011196	0,00862653	yes
AN4340	ChrIII_A_nidulans_FGSC_A4:2341606-2342476	WT_5hasex	WT_veg	OK	187,186	785,191	2,06857	-4,30573	1,66434E-05	0,000227715	yes
AN4345	ChrIII_A_nidulans_FGSC_A4:2329874-2331916	WT_5hasex	WT_veg	OK	2,2532	8,69351	1,94797	-2,60515	0,00918352	0,0486936	yes
AN4346	ChrIII_A_nidulans_FGSC_A4:2327994-2329454	WT_5hasex	WT_veg	OK	22,1597	117,709	2,40921	-4,48076	7,43775E-06	0,000110537	yes
AN4359	ChrIII_A_nidulans_FGSC_A4:2286047-2287609	WT_5hasex	WT_veg	OK	18,9955	59,6398	1,65062	-3,03381	0,00241487	0,0163409	yes
AN4365	ChrIII_A_nidulans_FGSC_A4:2269133-2272345	WT_5hasex	WT_veg	OK	20,3698	51,6957	1,34361	-2,71458	0,00663597	0,0375244	yes
AN4379	ChrIII_A_nidulans_FGSC_A4:2207554-2208915	WT_5hasex	WT_veg	OK	762,273	2389,84	1,64853	-2,79324	0,00521836	0,0307803	yes
AN4386	ChrIII_A_nidulans_FGSC_A4:2188396-2190664	WT_5hasex	WT_veg	OK	21,6712	65,2287	1,58973	-3,2041	0,00135486	0,0100995	yes
AN4392	ChrIII_A_nidulans_FGSC_A4:2171174-2172513	WT_5hasex	WT_veg	OK	0,636518	23,7142	5,21941	-3,86233	0,000112309	0,00121493	yes
AN4396	ChrIII_A_nidulans_FGSC_A4:2161248-2161990	WT_5hasex	WT_veg	OK	65,5967	201,498	1,61907	-2,99261	0,00276599	0,0182641	yes
AN4398	ChrIII_A_nidulans_FGSC_A4:2156794-2159124	WT_5hasex	WT_veg	OK	29,1856	85,538	1,55131	-3,18514	0,00144683	0,0106559	yes
AN4406	ChrIII_A_nidulans_FGSC_A4:2142026-2143394	WT_5hasex	WT_veg	OK	91,6434	278,892	1,6056	-3,18737	0,00143572	0,0105845	yes
AN4411	ChrIII_A_nidulans_FGSC_A4:2128393-2129641	WT_5hasex	WT_veg	OK	57,8436	174,67	1,59441	-3,2732	0,00106339	0,00825902	yes
AN4421	ChrIII_A_nidulans_FGSC_A4:2094138-2095518	WT_5hasex	WT_veg	OK	11,9975	49,5125	2,04505	-3,35662	0,000789018	0,00641715	yes
AN4423	ChrIII_A_nidulans_FGSC_A4:2089605-2090826	WT_5hasex	WT_veg	OK	185,157	556,794	1,58839	-2,92719	0,00342042	0,0218422	yes
AN4426	ChrIII_A_nidulans_FGSC_A4:2081186-2082055	WT_5hasex	WT_veg	OK	3,73452	16,1025	2,10829	-2,73568	0,00622516	0,0355972	yes
AN4431	ChrIII_A_nidulans_FGSC_A4:2068158-2070366	WT_5hasex	WT_veg	OK	18,5167	51,5933	1,47836	-2,82497	0,00472843	0,028451	yes
AN4455	ChrIII_A_nidulans_FGSC_A4:2000365-2001996	WT_5hasex	WT_veg	OK	28,0433	90,9143	1,69685	-3,34188	0,000832141	0,00671479	yes
AN4456	ChrIII_A_nidulans_FGSC_A4:1997829-1999819	WT_5hasex	WT_veg	OK	9,21943	65,5419	2,82967	-4,87197	1,1049E-06	2,00482E-05	yes
AN4460	ChrIII_A_nidulans_FGSC_A4:1988087-1991130	WT_5hasex	WT_veg	OK	12,5744	44,5341	1,82442	-3,55017	0,000384977	0,0034776	yes
AN4461	ChrIII_A_nidulans_FGSC_A4:1986167-1987836	WT_5hasex	WT_veg	OK	28,8428	99,9409	1,79286	-3,61922	0,000295494	0,00278598	yes
AN4468	ChrIII_A_nidulans_FGSC_A4:1958310-1959063	WT_5hasex	WT_veg	OK	173,197	531,223	1,61691	-3,36343	0,000769811	0,00627756	yes
AN4469	ChrIII_A_nidulans_FGSC_A4:1956657-1958206	WT_5hasex	WT_veg	OK	14,5208	58,2378	2,00383	-3,4933	0,00047709	0,00418418	yes
AN4471	ChrIII_A_nidulans_FGSC_A4:1941383-1942999	WT_5hasex	WT_veg	OK	25,9958	130,479	2,32746	-4,36694	0,0000126	0,000176352	yes
AN4472	ChrIII_A_nidulans_FGSC_A4:1936028-1940754	WT_5hasex	WT_veg	OK	13,7178	35,5434	1,37354	-2,83886	0,00452755	0,0274693	yes
AN4478	ChrIII_A_nidulans_FGSC_A4:1919581-1923647	WT_5hasex	WT_veg	OK	24,1902	69,6868	1,52646	-3,17432	0,00150186	0,0110055	yes
AN4483	ChrIII_A_nidulans_FGSC_A4:1899385-1902182	WT_5hasex	WT_veg	OK	401,672	1887,16	2,23213	-3,61517	0,000300145	0,0028207	yes
AN4484	ChrIII_A_nidulans_FGSC_A4:1894862-1897472	WT_5hasex	WT_veg	OK	12,9347	36,056	1,47899	-2,78638	0,00532999	0,0313014	yes
AN4496	ChrIII_A_nidulans_FGSC_A4:1862765-1865954	WT_5hasex	WT_veg	OK	12,528	40,7438	1,70142	-3,32371	0,000888273	0,00711406	yes
AN4538	ChrIII_A_nidulans_FGSC_A4:1720400-1721926	WT_5hasex	WT_veg	OK	37,2743	90,8268	1,28494	-2,60021	0,00931655	0,0492143	yes

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AN4540	ChrIII_A_nidulans_FGSC_A4:1716960-1718389	WT_5hasex	WT_veg	OK	10,5143	38,879	1,88663	-3,02633	0,00247545	0,0166671	yes
AN4548	ChrIII_A_nidulans_FGSC_A4:1689255-1690392	WT_5hasex	WT_veg	OK	29,5495	104,353	1,82027	-3,44358	0,000574056	0,0049001	yes
AN4549	ChrIII_A_nidulans_FGSC_A4:1687706-1688999	WT_5hasex	WT_veg	OK	45,4571	159,977	1,81529	-3,69532	0,000219606	0,00215866	yes
AN4559	ChrIII_A_nidulans_FGSC_A4:1663506-1664288	WT_5hasex	WT_veg	OK	161,313	843,732	2,38692	-4,88662	1,0258E-06	1,87557E-05	yes
AN4560	ChrIII_A_nidulans_FGSC_A4:1662413-1663292	WT_5hasex	WT_veg	OK	83,5733	478,866	2,51851	-4,87574	1,08399E-06	1,97097E-05	yes
AN4570	ChrIII_A_nidulans_FGSC_A4:1633916-1635900	WT_5hasex	WT_veg	OK	54,2176	191,726	1,82221	-3,78278	0,000155085	0,00159944	yes
AN4581	ChrIII_A_nidulans_FGSC_A4:1610967-1613554	WT_5hasex	WT_veg	OK	8,49388	45,0252	2,40624	-4,32272	1,54115E-05	0,000212413	yes
AN4586	ChrIII_A_nidulans_FGSC_A4:1600634-1601769	WT_5hasex	WT_veg	OK	35,07	951,717	4,76222	-9,08863	0	0	yes
AN4588	ChrIII_A_nidulans_FGSC_A4:1596266-1596984	WT_5hasex	WT_veg	OK	1,02708	8,59726	3,06533	-2,84022	0,00450818	0,0273868	yes
AN4600	ChrIII_A_nidulans_FGSC_A4:1558224-1559452	WT_5hasex	WT_veg	OK	14,4893	50,1306	1,7907	-3,06065	0,0022086	0,0151804	yes
AN4606	ChrIII_A_nidulans_FGSC_A4:1540496-1541690	WT_5hasex	WT_veg	OK	2,46392	18,1143	2,8781	-3,19788	0,00138441	0,0102698	yes
AN4611	ChrIII_A_nidulans_FGSC_A4:1527991-1528488	WT_5hasex	WT_veg	OK	142,409	385,67	1,43733	-2,84385	0,00445719	0,0271462	yes
AN4613	ChrIII_A_nidulans_FGSC_A4:1522766-1525497	WT_5hasex	WT_veg	OK	20,69	95,508	2,20669	-4,41394	1,01505E-05	0,000145888	yes
AN4614	ChrIII_A_nidulans_FGSC_A4:1521182-1522585	WT_5hasex	WT_veg	OK	90,3319	278,257	1,62311	-3,32665	0,000878968	0,00704492	yes
AN4616	ChrIII_A_nidulans_FGSC_A4:1517013-1519189	WT_5hasex	WT_veg	OK	49,6095	187,932	1,92152	-3,82064	0,000133104	0,00140936	yes
AN4618	ChrIII_A_nidulans_FGSC_A4:1513355-1515590	WT_5hasex	WT_veg	OK	3,77022	34,59	3,19763	-5,0455	4,5233E-07	9,05387E-06	yes
AN4622	ChrIII_A_nidulans_FGSC_A4:1498736-1500091	WT_5hasex	WT_veg	OK	77,9857	235,143	1,59226	-3,33622	0,000849254	0,00683919	yes
AN4636	ChrIII_A_nidulans_FGSC_A4:1459478-1460473	WT_5hasex	WT_veg	OK	96,3152	698,011	2,85742	-5,54342	2,96615E-08	7,75998E-07	yes
AN4648	ChrIII_A_nidulans_FGSC_A4:1415305-1416931	WT_5hasex	WT_veg	OK	23,874	135,861	2,50862	-4,6581	3,19141E-06	5,20175E-05	yes
AN4652	ChrIII_A_nidulans_FGSC_A4:1396639-1397945	WT_5hasex	WT_veg	OK	99,9968	328,592	1,71634	-3,53782	0,000403447	0,00362073	yes
AN4654	ChrIII_A_nidulans_FGSC_A4:1392923-1394917	WT_5hasex	WT_veg	OK	31,6424	505,32	3,99727	-8,09202	6,66134E-16	5,57616E-14	yes
AN4655	ChrIII_A_nidulans_FGSC_A4:1391290-1392123	WT_5hasex	WT_veg	OK	222,193	555,998	1,32326	-2,70603	0,00680938	0,0383147	yes
AN4672	ChrIII_A_nidulans_FGSC_A4:1353461-1354227	WT_5hasex	WT_veg	OK	9,31634	52,0946	2,4833	-3,78146	0,000155913	0,00160605	yes
AN4674	ChrIII_A_nidulans_FGSC_A4:1348881-1350662	WT_5hasex	WT_veg	OK	154,774	400,365	1,37116	-2,74931	0,005972	0,0343631	yes
AN4678	ChrIII_A_nidulans_FGSC_A4:1336521-1338546	WT_5hasex	WT_veg	OK	9,04336	25,519	1,49664	-2,6453	0,00816189	0,0443074	yes
AN4684	ChrIII_A_nidulans_FGSC_A4:1323173-1324626	WT_5hasex	WT_veg	OK	123,472	399,095	1,69255	-3,43634	0,000589627	0,00501503	yes
AN4685	ChrIII_A_nidulans_FGSC_A4:1320078-1321529	WT_5hasex	WT_veg	OK	67,214	170,303	1,34127	-2,71577	0,00661214	0,03743	yes
AN4689	ChrIII_A_nidulans_FGSC_A4:1311848-1312957	WT_5hasex	WT_veg	OK	11,7103	113,479	3,27657	-5,45628	4,86211E-08	1,21326E-06	yes
AN4691	ChrIII_A_nidulans_FGSC_A4:1305141-1306465	WT_5hasex	WT_veg	OK	8,88415	66,1021	2,89539	-4,55056	5,35033E-06	8,22193E-05	yes
AN4696	ChrIII_A_nidulans_FGSC_A4:1282366-1286373	WT_5hasex	WT_veg	OK	25,7466	99,8393	1,95523	-3,79305	0,000148809	0,00154567	yes
AN4699	ChrIII_A_nidulans_FGSC_A4:1255462-1259167	WT_5hasex	WT_veg	OK	61,7822	164,504	1,41286	-2,78924	0,00528316	0,0310868	yes
AN4701	ChrIII_A_nidulans_FGSC_A4:1249925-1250958	WT_5hasex	WT_veg	OK	15,9092	49,3074	1,63194	-2,72711	0,00638925	0,0363884	yes
AN4704	ChrIII_A_nidulans_FGSC_A4:1241584-1242038	WT_5hasex	WT_veg	OK	1,43681	16,8129	3,54862	-3,35664	0,00078897	0,00641715	yes
AN4707	ChrIII_A_nidulans_FGSC_A4:1221052-1222303	WT_5hasex	WT_veg	OK	37,0414	98,5812	1,41217	-2,82157	0,00477886	0,0287025	yes
AN4710	ChrIII_A_nidulans_FGSC_A4:1214967-1216514	WT_5hasex	WT_veg	OK	26,5592	77,6681	1,54811	-3,01203	0,00259504	0,017334	yes
AN4711	ChrIII_A_nidulans_FGSC_A4:1213520-1214536	WT_5hasex	WT_veg	OK	187,445	1137,56	2,60141	-5,04746	4,47723E-07	8,97437E-06	yes
AN4715	ChrIII_A_nidulans_FGSC_A4:1204790-1205292	WT_5hasex	WT_veg	OK	3,29538	31,7983	3,27043	-3,79113	0,000149961	0,00155444	yes
AN4720	ChrIII_A_nidulans_FGSC_A4:1189852-1190915	WT_5hasex	WT_veg	OK	8,50343	62,5721	2,8794	-4,05039	5,11322E-05	0,000610348	yes
AN4729	ChrIII_A_nidulans_FGSC_A4:1162329-1163806	WT_5hasex	WT_veg	OK	13,0938	80,4287	2,61882	-4,59204	4,38928E-06	6,87821E-05	yes
AN4739	ChrIII_A_nidulans_FGSC_A4:1133563-1135924	WT_5hasex	WT_veg	OK	72,4691	187,766	1,3735	-2,82885	0,00467156	0,0281799	yes
AN4740	ChrIII_A_nidulans_FGSC_A4:1133563-1135924	WT_5hasex	WT_veg	OK	55,3891	268,611	2,27784	-4,65134	3,29785E-06	5,35692E-05	yes
AN4745	ChrIII_A_nidulans_FGSC_A4:1113910-1116579	WT_5hasex	WT_veg	OK	74,3745	216,097	1,5388	-3,18202	0,0014625	0,0107562	yes
AN4748	ChrIII_A_nidulans_FGSC_A4:1109329-1110610	WT_5hasex	WT_veg	OK	32,9206	142,237	2,11123	-4,17753	0,000029469	0,000377841	yes
AN4751	ChrIII_A_nidulans_FGSC_A4:1098756-1099821	WT_5hasex	WT_veg	OK	12,1233	63,3113	2,38468	-3,7367	0,00018645	0,00187567	yes
AN4764	ChrIII_A_nidulans_FGSC_A4:1067509-1070140	WT_5hasex	WT_veg	OK	10,2419	27,7831	1,43973	-2,69615	0,00701459	0,039195	yes
AN4771	ChrIII_A_nidulans_FGSC_A4:1037464-1039236	WT_5hasex	WT_veg	OK	11,5678	56,369	2,28479	-4,06778	0,000047463	0,000571629	yes

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AN4781	ChrIII_A_nidulans_FGSC_A4:1013761-1014631	WT_5hasex	WT_veg	OK	73,4557	196,462	1,41931	-2,90842	0,00363257	0,0229342	yes
AN4782	ChrIII_A_nidulans_FGSC_A4:1012091-1013200	WT_5hasex	WT_veg	OK	57,9074	189,273	1,70865	-3,47327	0,00051415	0,00445846	yes
AN4792	ChrIII_A_nidulans_FGSC_A4:975342-977212	WT_5hasex	WT_veg	OK	13,1959	36,2557	1,45812	-2,61653	0,00888274	0,0474585	yes
AN4807	ChrIII_A_nidulans_FGSC_A4:935652-936923	WT_5hasex	WT_veg	OK	6,2271	26,6704	2,09861	-3,10809	0,00188302	0,0132662	yes
AN4809	ChrIII_A_nidulans_FGSC_A4:922910-925502	WT_5hasex	WT_veg	OK	17,4542	2,12439	-3,03845	4,78288	0,000001728	3,01133E-05	yes
AN4814	ChrIII_A_nidulans_FGSC_A4:911040-912707	WT_5hasex	WT_veg	OK	47,513	125,361	1,39969	-2,89186	0,0038297	0,0239537	yes
AN4818	ChrIII_A_nidulans_FGSC_A4:894629-898602	WT_5hasex	WT_veg	OK	22,4645	53,749	1,25859	-2,59894	0,00935112	0,049372	yes
AN4821	ChrIII_A_nidulans_FGSC_A4:886050-888126	WT_5hasex	WT_veg	OK	8,39828	24,8466	1,56488	-2,64063	0,00827513	0,0447968	yes
AN4822	ChrIII_A_nidulans_FGSC_A4:884607-885815	WT_5hasex	WT_veg	OK	1025,75	4127,75	2,00867	-3,33793	0,000844044	0,00680141	yes
AN4837	ChrIII_A_nidulans_FGSC_A4:833914-836302	WT_5hasex	WT_veg	OK	21,069	100,648	2,25612	-4,177	2,95382E-05	0,000378635	yes
AN4850	ChrIII_A_nidulans_FGSC_A4:795216-797746	WT_5hasex	WT_veg	OK	21,2261	61,3983	1,53236	-3,10494	0,00190321	0,0133868	yes
AN4861	ChrIII_A_nidulans_FGSC_A4:740254-741964	WT_5hasex	WT_veg	OK	41,6911	142,44	1,77254	-3,68027	0,000232988	0,0022706	yes
AN4865	ChrIII_A_nidulans_FGSC_A4:732817-735062	WT_5hasex	WT_veg	OK	184,154	763,047	2,05086	-3,87271	0,00010763	0,00117037	yes
AN4868	ChrIII_A_nidulans_FGSC_A4:725080-726337	WT_5hasex	WT_veg	OK	12,5515	57,5106	2,19597	-3,76002	0,000169901	0,00173281	yes
AN4878	ChrIII_A_nidulans_FGSC_A4:694356-697751	WT_5hasex	WT_veg	OK	149,435	827,035	2,46843	-4,34496	1,39301E-05	0,00019347	yes
AN4889	ChrIII_A_nidulans_FGSC_A4:656520-657614	WT_5hasex	WT_veg	OK	44,935	203,595	2,1798	-4,28622	1,81736E-05	0,000246017	yes
AN4890	ChrIII_A_nidulans_FGSC_A4:650648-654106	WT_5hasex	WT_veg	OK	26,8235	121,055	2,17409	-4,51279	6,39817E-06	9,64825E-05	yes
AN4899	ChrIII_A_nidulans_FGSC_A4:621986-623601	WT_5hasex	WT_veg	OK	34,163	226,845	2,7312	-5,58373	2,35415E-08	6,2972E-07	yes
AN4901	ChrIII_A_nidulans_FGSC_A4:612548-615203	WT_5hasex	WT_veg	OK	26,9426	69,0724	1,35822	-2,73156	0,00630362	0,0359789	yes
AN4903	ChrIII_A_nidulans_FGSC_A4:608441-610067	WT_5hasex	WT_veg	OK	8,44473	44,4422	2,39581	-3,99036	6,59732E-05	0,000762994	yes
AN4904	ChrIII_A_nidulans_FGSC_A4:605749-608211	WT_5hasex	WT_veg	OK	12,0315	36,0487	1,58313	-2,91825	0,00352007	0,0223641	yes
AN4908	ChrIII_A_nidulans_FGSC_A4:589753-593698	WT_5hasex	WT_veg	OK	32,9716	113,327	1,7812	-3,53178	0,00041278	0,00369436	yes
AN4910	ChrIII_A_nidulans_FGSC_A4:585367-587753	WT_5hasex	WT_veg	OK	32,9474	84,7512	1,36307	-2,78185	0,00540492	0,0316563	yes
AN4911	ChrIII_A_nidulans_FGSC_A4:583797-584952	WT_5hasex	WT_veg	OK	277,792	988,117	1,83068	-3,50088	0,000463718	0,00408422	yes
AN4914	ChrIII_A_nidulans_FGSC_A4:576037-577803	WT_5hasex	WT_veg	OK	20,1711	91,7608	2,18559	-4,12726	3,67107E-05	0,000457918	yes
AN4918	ChrIII_A_nidulans_FGSC_A4:558281-560434	WT_5hasex	WT_veg	OK	24,7643	110,871	2,16254	-4,10776	3,99515E-05	0,000492829	yes
AN4928	ChrIII_A_nidulans_FGSC_A4:526744-527939	WT_5hasex	WT_veg	OK	55,7445	155,419	1,47926	-3,02473	0,00248852	0,0167463	yes
AN4929	ChrIII_A_nidulans_FGSC_A4:523243-526332	WT_5hasex	WT_veg	OK	86,1569	273,344	1,66568	-3,07015	0,00213949	0,0147737	yes
AN4937	ChrIII_A_nidulans_FGSC_A4:498330-501311	WT_5hasex	WT_veg	OK	248,078	641,978	1,37173	-2,6091	0,00907811	0,0482662	yes
AN4940	ChrIII_A_nidulans_FGSC_A4:492910-494973	WT_5hasex	WT_veg	OK	403,066	2325,18	2,52826	-4,38237	1,17395E-05	0,000165414	yes
AN4945	ChrIII_A_nidulans_FGSC_A4:481731-484023	WT_5hasex	WT_veg	OK	38,6441	97,5589	1,33602	-2,78611	0,00533441	0,0313238	yes
AN4946	ChrIII_A_nidulans_FGSC_A4:480447-480983	WT_5hasex	WT_veg	OK	57,7716	398,435	2,78591	-5,29819	1,16953E-07	2,67975E-06	yes
AN4950	ChrIII_A_nidulans_FGSC_A4:473336-474343	WT_5hasex	WT_veg	OK	181,337	462,949	1,35218	-2,78497	0,00535334	0,0313963	yes
AN4954	ChrIII_A_nidulans_FGSC_A4:461301-462011	WT_5hasex	WT_veg	OK	79,7486	216,773	1,44266	-2,89141	0,00383512	0,0239676	yes
AN4966	ChrIII_A_nidulans_FGSC_A4:426673-428017	WT_5hasex	WT_veg	OK	88,9919	286,896	1,68878	-3,36996	0,000751788	0,00615262	yes
AN4972	ChrIII_A_nidulans_FGSC_A4:408475-411719	WT_5hasex	WT_veg	OK	15,0312	37,8853	1,33368	-2,59693	0,0094062	0,0496429	yes
AN4977	ChrIII_A_nidulans_FGSC_A4:393945-396185	WT_5hasex	WT_veg	OK	32,7194	87,3266	1,41628	-2,90329	0,00369261	0,0232628	yes
AN4979	ChrIII_A_nidulans_FGSC_A4:389466-390603	WT_5hasex	WT_veg	OK	64,1858	167,666	1,38526	-2,8526	0,00433626	0,0265237	yes
AN4984	ChrIII_A_nidulans_FGSC_A4:374434-376535	WT_5hasex	WT_veg	OK	64,3376	322,284	2,3246	-4,88521	1,03318E-06	1,88643E-05	yes
AN4985	ChrIII_A_nidulans_FGSC_A4:367936-371221	WT_5hasex	WT_veg	OK	4,92967	15,2443	1,6287	-2,84256	0,00447527	0,0272369	yes
AN4988	ChrIII_A_nidulans_FGSC_A4:360823-362729	WT_5hasex	WT_veg	OK	653,84	2289,89	1,80827	-3,02407	0,00249395	0,0167742	yes
AN4989	ChrIII_A_nidulans_FGSC_A4:358722-359772	WT_5hasex	WT_veg	OK	149,049	821,446	2,46238	-4,93018	8,21535E-07	1,54246E-05	yes
AN4994	ChrIII_A_nidulans_FGSC_A4:342146-344294	WT_5hasex	WT_veg	OK	7,94153	34,44	2,1166	-3,6288	0,000284738	0,00269865	yes
AN4995	ChrIII_A_nidulans_FGSC_A4:339806-341421	WT_5hasex	WT_veg	OK	56,4263	166,664	1,56251	-3,12268	0,00179211	0,0127422	yes
AN5004	ChrIII_A_nidulans_FGSC_A4:312092-312957	WT_5hasex	WT_veg	OK	845,313	3467,77	2,03645	-3,6947	0,000220145	0,00216355	yes
AN5007	ChrIII_A_nidulans_FGSC_A4:301309-302526	WT_5hasex	WT_veg	OK	57,5525	525,615	3,19106	-5,40977	6,31055E-08	1,54238E-06	yes

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AN5010	ChrIII_A_nidulans_FGSC_A4:292850-294101	WT_5hasex	WT_veg	OK	19,6091	90,201	2,20162	-4,00484	6,20593E-05	0,000723799	yes
AN5017	ChrIII_A_nidulans_FGSC_A4:271124-272441	WT_5hasex	WT_veg	OK	81,7933	592,011	2,85557	-5,10256	3,35083E-07	6,92663E-06	yes
AN5025	ChrIII_A_nidulans_FGSC_A4:250267-252157	WT_5hasex	WT_veg	OK	12,605	43,3189	1,781	-3,19269	0,00140952	0,0104221	yes
AN5026	ChrIII_A_nidulans_FGSC_A4:248210-249197	WT_5hasex	WT_veg	OK	7,8914	33,0468	2,06616	-3,15959	0,0015799	0,0114779	yes
AN5030	ChrIII_A_nidulans_FGSC_A4:233019-234231	WT_5hasex	WT_veg	OK	0,776933	7,6819	3,3056	-3,46072	0,000538728	0,00463775	yes
AN5034	ChrIII_A_nidulans_FGSC_A4:220352-221604	WT_5hasex	WT_veg	OK	11,3544	2,72263	-2,06018	2,70514	0,00682749	0,0383754	yes
AN5036	ChrIII_A_nidulans_FGSC_A4:210863-212006	WT_5hasex	WT_veg	OK	7,49045	34,899	2,22006	-3,41091	0,000647465	0,00542248	yes
AN5051	ChrIII_A_nidulans_FGSC_A4:151998-152619	WT_5hasex	WT_veg	OK	145,107	36,7848	-1,97994	3,56947	0,000357699	0,00327009	yes
AN5053	ChrIII_A_nidulans_FGSC_A4:145503-146544	WT_5hasex	WT_veg	OK	5,90212	30,3306	2,36147	-3,55062	0,000384325	0,00347245	yes
AN5055	ChrIII_A_nidulans_FGSC_A4:139263-140797	WT_5hasex	WT_veg	OK	25,4572	73,8579	1,53668	-2,83922	0,00452246	0,0274575	yes
AN5056	ChrIII_A_nidulans_FGSC_A4:136015-136584	WT_5hasex	WT_veg	OK	3739,32	33212,2	3,15086	-3,83199	0,000127109	0,00135327	yes
AN5082	ChrIII_A_nidulans_FGSC_A4:42803-44554	WT_5hasex	WT_veg	OK	4,34691	29,5693	2,76604	-3,66883	0,000243659	0,00236143	yes
AN5083	ChrIII_A_nidulans_FGSC_A4:39074-42183	WT_5hasex	WT_veg	OK	5,78066	29,3216	2,34266	-3,89341	9,88468E-05	0,001085	yes
AN5090	ChrIII_A_nidulans_FGSC_A4:13083-13908	WT_5hasex	WT_veg	OK	205,988	743,131	1,85106	-3,67355	0,000239207	0,00232386	yes
AN5092	ChrIII_A_nidulans_FGSC_A4:1859-7010	WT_5hasex	WT_veg	OK	8,18511	1,37223	-2,57648	4,32838	1,50212E-05	0,000207361	yes
AN5095	ChrV_A_nidulans_FGSC_A4:1137673-1138444	WT_5hasex	WT_veg	OK	0,91382	7,77088	3,0881	-2,98231	0,0028608	0,0187718	yes
AN5103	ChrV_A_nidulans_FGSC_A4:1166777-1168810	WT_5hasex	WT_veg	OK	47,6993	145,102	1,60503	-3,32677	0,000878587	0,00704294	yes
AN5109	ChrV_A_nidulans_FGSC_A4:1184058-1185054	WT_5hasex	WT_veg	OK	6,89382	40,3415	2,54889	-3,64665	0,000265682	0,00254559	yes
AN5110	ChrV_A_nidulans_FGSC_A4:1185650-1189819	WT_5hasex	WT_veg	OK	22,858	95,197	2,05822	-4,04091	5,32432E-05	0,000632378	yes
AN5125	ChrV_A_nidulans_FGSC_A4:1225447-1226199	WT_5hasex	WT_veg	OK	274,284	703,945	1,35979	-2,81503	0,00487729	0,0291643	yes
AN5126	ChrV_A_nidulans_FGSC_A4:1226426-1229104	WT_5hasex	WT_veg	OK	19,0052	48,7073	1,35774	-2,72862	0,00636005	0,0362536	yes
AN5128	ChrV_A_nidulans_FGSC_A4:1231691-1232502	WT_5hasex	WT_veg	OK	251,27	654,454	1,38106	-2,82549	0,00472077	0,0284179	yes
AN5145	ChrV_A_nidulans_FGSC_A4:1285606-1286537	WT_5hasex	WT_veg	OK	376,083	136,444	-1,46275	2,72055	0,00651726	0,0369928	yes
AN5146	ChrV_A_nidulans_FGSC_A4:1287151-1288863	WT_5hasex	WT_veg	OK	67,2144	186,821	1,47482	-3,04706	0,00231088	0,0157409	yes
AN5152	ChrV_A_nidulans_FGSC_A4:1305119-1306816	WT_5hasex	WT_veg	OK	75,0103	203,758	1,44169	-2,97458	0,00293385	0,0191863	yes
AN5153	ChrV_A_nidulans_FGSC_A4:1307692-1308437	WT_5hasex	WT_veg	OK	76,5717	187,198	1,28968	-2,60248	0,00925525	0,0489794	yes
AN5159	ChrV_A_nidulans_FGSC_A4:1327025-1328914	WT_5hasex	WT_veg	OK	49,9616	149,58	1,58203	-3,0591	0,00222	0,0152447	yes
AN5164	ChrV_A_nidulans_FGSC_A4:1350432-1352077	WT_5hasex	WT_veg	OK	71,33	232,402	1,70404	-3,52212	0,00042811	0,00381009	yes
AN5166	ChrV_A_nidulans_FGSC_A4:1355315-1357457	WT_5hasex	WT_veg	OK	98,368	303,84	1,62705	-3,3311	0,000865031	0,00695129	yes
AN5169	ChrV_A_nidulans_FGSC_A4:1375596-1378128	WT_5hasex	WT_veg	OK	30,1783	88,0156	1,54425	-2,73736	0,00619341	0,0354464	yes
AN5186	ChrV_A_nidulans_FGSC_A4:1429284-1431855	WT_5hasex	WT_veg	OK	16,6343	48,5311	1,54475	-3,11502	0,00183931	0,0130143	yes
AN5196	ChrV_A_nidulans_FGSC_A4:1455353-1457197	WT_5hasex	WT_veg	OK	29,8833	95,612	1,67785	-3,36871	0,000755198	0,00617666	yes
AN5199	ChrV_A_nidulans_FGSC_A4:1463366-1464708	WT_5hasex	WT_veg	OK	34,4602	95,5055	1,47065	-2,82592	0,00471452	0,0283835	yes
AN5203	ChrV_A_nidulans_FGSC_A4:1475186-1475961	WT_5hasex	WT_veg	OK	70,2318	285,289	2,02223	-4,07351	4,63097E-05	0,000559668	yes
AN5204	ChrV_A_nidulans_FGSC_A4:1476343-1478028	WT_5hasex	WT_veg	OK	44,8236	163,03	1,86281	-3,67908	0,000234076	0,00227951	yes
AN5207	ChrV_A_nidulans_FGSC_A4:1485150-1486231	WT_5hasex	WT_veg	OK	151,228	950,438	2,65187	-4,46736	7,91912E-06	0,000116829	yes
AN5213	ChrV_A_nidulans_FGSC_A4:1510113-1511497	WT_5hasex	WT_veg	OK	195,442	825,767	2,07899	-4,00151	6,29385E-05	0,000732586	yes
AN5231	ChrV_A_nidulans_FGSC_A4:1573138-1574251	WT_5hasex	WT_veg	OK	44,0173	170,809	1,95624	-3,79188	0,00014951	0,00155172	yes
AN5236	ChrV_A_nidulans_FGSC_A4:1584032-1585459	WT_5hasex	WT_veg	OK	79,11	212,157	1,4232	-2,8934	0,00381097	0,0238582	yes
AN5245	ChrV_A_nidulans_FGSC_A4:1616225-1616721	WT_5hasex	WT_veg	OK	377,065	1075,62	1,51228	-2,77912	0,00545057	0,0318709	yes
AN5252	ChrV_A_nidulans_FGSC_A4:3376951-3378010	WT_5hasex	WT_veg	OK	21,1084	4,21853	-2,323	2,67933	0,00737692	0,040833	yes
AN5262	ChrV_A_nidulans_FGSC_A4:3342101-3343470	WT_5hasex	WT_veg	OK	33,8464	130,352	1,94534	-3,87658	0,000105933	0,00115384	yes
AN5276	ChrV_A_nidulans_FGSC_A4:3295839-3297416	WT_5hasex	WT_veg	OK	25,899	7,61716	-1,76557	3,24089	0,00119158	0,00907578	yes
AN5298	ChrV_A_nidulans_FGSC_A4:3226347-3227154	WT_5hasex	WT_veg	OK	0,656366	9,20433	3,80974	-3,0102	0,00261072	0,0174121	yes
AN5302	ChrV_A_nidulans_FGSC_A4:3212589-3214758	WT_5hasex	WT_veg	OK	17,66	149,788	3,08437	-5,91358	3,34756E-09	1,0625E-07	yes
AN5303	ChrV_A_nidulans_FGSC_A4:3209239-3211303	WT_5hasex	WT_veg	OK	7,2266	42,3617	2,55137	-4,2217	2,42462E-05	0,000316215	yes

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AN5312	ChrV_A_nidulans_FGSC_A4:3182643-3184088	WT_5hasex	WT_veg	OK	11,1209	47,2265	2,08632	-3,00308	0,00267264	0,0177483	yes
AN5314	ChrV_A_nidulans_FGSC_A4:3173198-3175207	WT_5hasex	WT_veg	OK	1,24301	7,22593	2,53935	-2,91887	0,00351308	0,0223305	yes
AN5317	ChrV_A_nidulans_FGSC_A4:3167231-3168155	WT_5hasex	WT_veg	OK	10,669	80,3387	2,91266	-4,63154	3,62949E-06	5,80917E-05	yes
AN5318	ChrV_A_nidulans_FGSC_A4:3160321-3164516	WT_5hasex	WT_veg	OK	50,1556	224,264	2,16072	-4,03635	5,42881E-05	0,000643475	yes
AN5323	ChrV_A_nidulans_FGSC_A4:3147960-3150099	WT_5hasex	WT_veg	OK	5,3487	30,1604	2,4954	-3,88159	0,000103776	0,00113293	yes
AN5324	ChrV_A_nidulans_FGSC_A4:3144332-3146101	WT_5hasex	WT_veg	OK	618,604	7603,8	3,61963	-4,57623	4,73436E-06	7,36172E-05	yes
AN5327	ChrV_A_nidulans_FGSC_A4:3135760-3138056	WT_5hasex	WT_veg	OK	7,59661	31,6336	2,05803	-3,45936	0,000541468	0,00465682	yes
AN5330	ChrV_A_nidulans_FGSC_A4:3129243-3129804	WT_5hasex	WT_veg	OK	94,1724	347,91	1,88534	-3,61079	0,000305265	0,00286419	yes
AN5331	ChrV_A_nidulans_FGSC_A4:3125558-3126908	WT_5hasex	WT_veg	OK	12,6508	77,408	2,61326	-3,77117	0,000162487	0,00166763	yes
AN5332	ChrV_A_nidulans_FGSC_A4:3121590-3122146	WT_5hasex	WT_veg	OK	11,8009	294,354	4,64059	-6,71396	1,89413E-11	8,59361E-10	yes
AN5338	ChrV_A_nidulans_FGSC_A4:3101828-3104555	WT_5hasex	WT_veg	OK	135,24	743,534	2,45888	-4,68641	2,78034E-06	4,59182E-05	yes
AN5339	ChrV_A_nidulans_FGSC_A4:3101828-3104555	WT_5hasex	WT_veg	OK	136,997	811,252	2,566	-4,97301	6,59225E-07	1,26723E-05	yes
AN5340	ChrV_A_nidulans_FGSC_A4:3100299-3101637	WT_5hasex	WT_veg	OK	24,3849	221,655	3,18426	-5,98375	2,18062E-09	7,1642E-08	yes
AN5341	ChrV_A_nidulans_FGSC_A4:3095988-3096511	WT_5hasex	WT_veg	OK	76,2344	274,585	1,84874	-3,5938	0,000325888	0,00302144	yes
AN5353	ChrV_A_nidulans_FGSC_A4:3066496-3067268	WT_5hasex	WT_veg	OK	20,2255	2,42057	-3,06275	3,05845	0,00222489	0,0152703	yes
AN5357	ChrV_A_nidulans_FGSC_A4:3049707-3051297	WT_5hasex	WT_veg	OK	763,344	3103,45	2,02347	-3,40861	0,00065294	0,00546222	yes
AN5359	ChrV_A_nidulans_FGSC_A4:3047370-3048003	WT_5hasex	WT_veg	OK	0,947821	8,11695	3,09825	-2,96169	0,00305955	0,0198669	yes
AN5370	ChrV_A_nidulans_FGSC_A4:3019069-3021351	WT_5hasex	WT_veg	OK	21,7855	1,27754	-4,09192	4,74003	2,13685E-06	3,64859E-05	yes
AN5373	ChrV_A_nidulans_FGSC_A4:3012188-3013203	WT_5hasex	WT_veg	OK	31,0376	96,9111	1,64264	-2,90122	0,00371707	0,0233804	yes
AN5378	ChrV_A_nidulans_FGSC_A4:2998826-3001368	WT_5hasex	WT_veg	OK	17,3954	4,50724	-1,94839	3,3571	0,000787658	0,00640814	yes
AN5395	ChrV_A_nidulans_FGSC_A4:2953076-2955743	WT_5hasex	WT_veg	OK	5,8548	1,54937	-1,91794	2,66388	0,00772456	0,04239	yes
AN5399	ChrV_A_nidulans_FGSC_A4:2938045-2938996	WT_5hasex	WT_veg	OK	8,69455	31,5905	1,86131	-2,88776	0,00388	0,0241874	yes
AN5401	ChrV_A_nidulans_FGSC_A4:2929160-2929721	WT_5hasex	WT_veg	OK	3,42762	24,2712	2,82397	-3,2795	0,00103992	0,00811646	yes
AN5402	ChrV_A_nidulans_FGSC_A4:2925188-2926473	WT_5hasex	WT_veg	OK	31,632	86,7278	1,45511	-2,73984	0,00614699	0,0352269	yes
AN5404	ChrV_A_nidulans_FGSC_A4:2916666-2918400	WT_5hasex	WT_veg	OK	207,547	618,504	1,57535	-3,16089	0,00157286	0,0114316	yes
AN5409	ChrV_A_nidulans_FGSC_A4:2896738-2897776	WT_5hasex	WT_veg	OK	3,36771	13,8837	2,04356	-2,65948	0,00782616	0,042831	yes
AN5423	ChrV_A_nidulans_FGSC_A4:2859850-2861210	WT_5hasex	WT_veg	OK	71,5634	192,13	1,42479	-2,85785	0,0042652	0,0261716	yes
AN5428	ChrV_A_nidulans_FGSC_A4:2845478-2846360	WT_5hasex	WT_veg	OK	7,00878	27,7709	1,98634	-2,84253	0,00447573	0,0272369	yes
AN5432	ChrV_A_nidulans_FGSC_A4:2834112-2835142	WT_5hasex	WT_veg	OK	0,414177	6,70232	4,01634	-3,10334	0,0019135	0,0134502	yes
AN5443	ChrV_A_nidulans_FGSC_A4:2801576-2802608	WT_5hasex	WT_veg	OK	22,6795	114,665	2,33796	-4,33705	1,44411E-05	0,000199948	yes
AN5445	ChrV_A_nidulans_FGSC_A4:2796502-2797192	WT_5hasex	WT_veg	OK	47,9069	130,37	1,44431	-2,70605	0,00680891	0,0383147	yes
AN5450	ChrV_A_nidulans_FGSC_A4:2777517-2780101	WT_5hasex	WT_veg	OK	50,8121	175,516	1,78836	-3,46609	0,000528078	0,00455662	yes
AN5452	ChrV_A_nidulans_FGSC_A4:2770207-2774532	WT_5hasex	WT_veg	OK	53,8036	143,767	1,41796	-2,85924	0,00424659	0,0260667	yes
AN5455	ChrV_A_nidulans_FGSC_A4:2756303-2761897	WT_5hasex	WT_veg	OK	8,70767	38,2882	2,13654	-4,28075	1,86267E-05	0,000250984	yes
AN5468	ChrV_A_nidulans_FGSC_A4:2709749-2710225	WT_5hasex	WT_veg	OK	10,6212	64,8845	2,61093	-3,68481	0,000228871	0,00223756	yes
AN5480	ChrV_A_nidulans_FGSC_A4:2674776-2675589	WT_5hasex	WT_veg	OK	2185,49	15696,9	2,84445	-3,54852	0,000387408	0,00349594	yes
AN5481	ChrV_A_nidulans_FGSC_A4:2671331-2674127	WT_5hasex	WT_veg	OK	4,98463	17,0175	1,77146	-2,91696	0,00353465	0,0224363	yes
AN5483	ChrV_A_nidulans_FGSC_A4:2663262-2666935	WT_5hasex	WT_veg	OK	15,4098	52,2958	1,76285	-3,59253	0,000327477	0,00303388	yes
AN5488	ChrV_A_nidulans_FGSC_A4:2639514-2646010	WT_5hasex	WT_veg	OK	16,056	46,2629	1,52675	-3,16712	0,00153958	0,011227	yes
AN5489	ChrV_A_nidulans_FGSC_A4:2633531-2634870	WT_5hasex	WT_veg	OK	85,2489	251,257	1,55941	-3,14127	0,00168216	0,0120851	yes
AN5505	ChrV_A_nidulans_FGSC_A4:2583160-2585059	WT_5hasex	WT_veg	OK	0,32594	6,49	4,31554	-3,55565	0,00037704	0,00341533	yes
AN5509	ChrV_A_nidulans_FGSC_A4:2568537-2570005	WT_5hasex	WT_veg	OK	28,3107	125,044	2,14301	-4,08534	4,40117E-05	0,000536224	yes
AN5510	ChrV_A_nidulans_FGSC_A4:2565335-2566565	WT_5hasex	WT_veg	OK	10,5449	34,0798	1,69237	-2,786	0,00533625	0,0313267	yes
AN5512	ChrV_A_nidulans_FGSC_A4:2560766-2561470	WT_5hasex	WT_veg	OK	42,6319	138,16	1,69634	-3,1207	0,00180419	0,0128069	yes
AN5513	ChrV_A_nidulans_FGSC_A4:2557274-2560060	WT_5hasex	WT_veg	OK	3,70284	17,7271	2,25925	-3,39642	0,00068273	0,00567069	yes
AN5522	ChrV_A_nidulans_FGSC_A4:2524939-2525578	WT_5hasex	WT_veg	OK	68,7997	201,744	1,55205	-3,08237	0,0020536	0,0142857	yes

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AN5526	ChrV_A_nidulans_FGSC_A4:2514463-2515336	WT_5hasex	WT_veg	OK	79,6927	301,252	1,91845	-3,81863	0,000134194	0,00141851	yes
AN5533	ChrV_A_nidulans_FGSC_A4:2488486-2490919	WT_5hasex	WT_veg	OK	13,2242	40,53	1,61581	-2,98907	0,0027983	0,0184402	yes
AN5536	ChrV_A_nidulans_FGSC_A4:2481958-2483291	WT_5hasex	WT_veg	OK	54,2503	168,799	1,6376	-3,33117	0,000864822	0,00695067	yes
AN5542	ChrV_A_nidulans_FGSC_A4:2462746-2464102	WT_5hasex	WT_veg	OK	18,3763	3,18353	-2,52915	3,48321	0,00049544	0,00431837	yes
AN5547	ChrV_A_nidulans_FGSC_A4:2452441-2453638	WT_5hasex	WT_veg	OK	34,1847	110,245	1,68929	-3,11028	0,00186908	0,013184	yes
AN5549	ChrV_A_nidulans_FGSC_A4:2444817-2446788	WT_5hasex	WT_veg	OK	40,1529	140,698	1,80903	-3,58795	0,000333289	0,00307753	yes
AN5550	ChrV_A_nidulans_FGSC_A4:2441648-2443179	WT_5hasex	WT_veg	OK	6,24402	24,9494	1,99846	-2,69884	0,00695821	0,0389347	yes
AN5564	ChrV_A_nidulans_FGSC_A4:2396164-2398077	WT_5hasex	WT_veg	OK	692,68	3348,53	2,27326	-3,5081	0,000451319	0,00399022	yes
AN5565	ChrV_A_nidulans_FGSC_A4:2393894-2394953	WT_5hasex	WT_veg	OK	10,2847	67,8838	2,72257	-4,07417	4,61792E-05	0,000558477	yes
AN5566	ChrV_A_nidulans_FGSC_A4:2389713-2391539	WT_5hasex	WT_veg	OK	27,0588	73,4541	1,44074	-2,85199	0,00434459	0,0265684	yes
AN5570	ChrV_A_nidulans_FGSC_A4:2375527-2377619	WT_5hasex	WT_veg	OK	43,4715	140,501	1,69244	-3,31708	0,000909627	0,00725073	yes
AN5576	ChrV_A_nidulans_FGSC_A4:2353321-2354861	WT_5hasex	WT_veg	OK	15,7349	56,8454	1,85307	-3,34618	0,000819329	0,00662773	yes
AN5578	ChrV_A_nidulans_FGSC_A4:2349375-2351712	WT_5hasex	WT_veg	OK	13,0159	36,831	1,50064	-2,87749	0,00400848	0,0248328	yes
AN5579	ChrV_A_nidulans_FGSC_A4:2338964-2348646	WT_5hasex	WT_veg	OK	17,803	101,761	2,51498	-5,08953	3,58958E-07	7,36368E-06	yes
AN5591	ChrV_A_nidulans_FGSC_A4:2302670-2304373	WT_5hasex	WT_veg	OK	118,039	667,652	2,49983	-5,03536	4,76948E-07	9,46705E-06	yes
AN5598	ChrV_A_nidulans_FGSC_A4:2282780-2284166	WT_5hasex	WT_veg	OK	33,7468	95,2404	1,49682	-2,90788	0,00363892	0,022966	yes
AN5599	ChrV_A_nidulans_FGSC_A4:2279082-2281960	WT_5hasex	WT_veg	OK	89,789	324,766	1,85479	-3,58446	0,000337779	0,00311461	yes
AN5602	ChrV_A_nidulans_FGSC_A4:2272709-2274633	WT_5hasex	WT_veg	OK	156,776	637,893	2,02461	-3,91008	9,22656E-05	0,00102326	yes
AN5603	ChrV_A_nidulans_FGSC_A4:2257108-2260929	WT_5hasex	WT_veg	OK	24,35	72,083	1,56574	-2,97828	0,00289869	0,0189871	yes
AN5605	ChrV_A_nidulans_FGSC_A4:2251416-2252275	WT_5hasex	WT_veg	OK	12,2109	57,1723	2,22714	-3,57427	0,000351208	0,00321692	yes
AN5607	ChrV_A_nidulans_FGSC_A4:2240769-2246790	WT_5hasex	WT_veg	OK	24,1443	67,3647	1,48031	-3,11071	0,0018664	0,0131739	yes
AN5619	ChrV_A_nidulans_FGSC_A4:2194074-2196833	WT_5hasex	WT_veg	OK	17,4058	50,3209	1,53159	-3,0831	0,00204854	0,0142673	yes
AN5621	ChrV_A_nidulans_FGSC_A4:2187435-2189000	WT_5hasex	WT_veg	OK	25,8457	123,78	2,25978	-4,54502	5,49301E-06	8,41898E-05	yes
AN5624	ChrV_A_nidulans_FGSC_A4:2178020-2182109	WT_5hasex	WT_veg	OK	30,1927	266,684	3,14286	-6,38855	1,6747E-10	6,69393E-09	yes
AN5639	ChrV_A_nidulans_FGSC_A4:2128164-2129835	WT_5hasex	WT_veg	OK	18,7039	53,3029	1,51088	-2,75553	0,0058597	0,0338321	yes
AN5642	ChrV_A_nidulans_FGSC_A4:2117844-2119046	WT_5hasex	WT_veg	OK	40,5867	102,902	1,34219	-2,71622	0,00660312	0,0373991	yes
AN5655	ChrV_A_nidulans_FGSC_A4:2075275-2077220	WT_5hasex	WT_veg	OK	3,98287	15,1086	1,92349	-2,84735	0,00440844	0,0268993	yes
AN5656	ChrV_A_nidulans_FGSC_A4:2072456-2074285	WT_5hasex	WT_veg	OK	2,69749	10,459	1,95505	-2,79702	0,00515761	0,0304907	yes
AN5664	ChrV_A_nidulans_FGSC_A4:2042315-2043637	WT_5hasex	WT_veg	OK	7,61971	35,9262	2,23723	-2,83591	0,00456955	0,0276701	yes
AN5667	ChrV_A_nidulans_FGSC_A4:2034811-2037011	WT_5hasex	WT_veg	OK	11,3011	45,6277	2,01345	-3,67514	0,000237716	0,00231067	yes
AN5685	ChrV_A_nidulans_FGSC_A4:1984795-1985522	WT_5hasex	WT_veg	OK	9,87515	40,939	2,0516	-3,10309	0,0019151	0,0134578	yes
AN5693	ChrV_A_nidulans_FGSC_A4:1964703-1965743	WT_5hasex	WT_veg	OK	83,867	242,38	1,53109	-2,99293	0,0027631	0,0182496	yes
AN5694	ChrV_A_nidulans_FGSC_A4:1961833-1964039	WT_5hasex	WT_veg	OK	7,31678	28,082	1,94036	-3,30473	0,00095068	0,00753441	yes
AN5699	ChrV_A_nidulans_FGSC_A4:1949465-1950368	WT_5hasex	WT_veg	OK	21,634	67,5727	1,64314	-2,86768	0,00413495	0,0254857	yes
AN5702	ChrV_A_nidulans_FGSC_A4:1941270-1943070	WT_5hasex	WT_veg	OK	28,3693	187,617	2,72539	-5,30511	1,12603E-07	2,59027E-06	yes
AN5711	ChrV_A_nidulans_FGSC_A4:1917943-1919230	WT_5hasex	WT_veg	OK	16,4805	53,8688	1,70869	-3,02644	0,00247455	0,0166666	yes
AN5718	ChrV_A_nidulans_FGSC_A4:1897748-1899481	WT_5hasex	WT_veg	OK	65,6665	170,901	1,37993	-2,83899	0,0045257	0,0274614	yes
AN5721	ChrV_A_nidulans_FGSC_A4:1892129-1894422	WT_5hasex	WT_veg	OK	31,1991	96,6511	1,63128	-3,35601	0,000790761	0,0064264	yes
AN5735	ChrV_A_nidulans_FGSC_A4:1846210-1848932	WT_5hasex	WT_veg	OK	13,9152	37,4761	1,4293	-2,78526	0,00534851	0,031375	yes
AN5737	ChrV_A_nidulans_FGSC_A4:1841641-1844467	WT_5hasex	WT_veg	OK	96,1386	243,105	1,33839	-2,69953	0,00694383	0,0388789	yes
AN5741	ChrV_A_nidulans_FGSC_A4:1833653-1834821	WT_5hasex	WT_veg	OK	64,1745	177,933	1,47126	-3,0127	0,00258933	0,0173047	yes
AN5743	ChrV_A_nidulans_FGSC_A4:1827232-1830752	WT_5hasex	WT_veg	OK	68,5617	224,657	1,71225	-3,48907	0,000484701	0,00423675	yes
AN5745	ChrV_A_nidulans_FGSC_A4:1822552-1823849	WT_5hasex	WT_veg	OK	139,431	439,246	1,65548	-3,40369	0,000664811	0,00554207	yes
AN5750	ChrV_A_nidulans_FGSC_A4:1809772-1811362	WT_5hasex	WT_veg	OK	38,828	262,158	2,75527	-5,69713	1,21841E-08	3,46054E-07	yes
AN5759	ChrV_A_nidulans_FGSC_A4:1781923-1784803	WT_5hasex	WT_veg	OK	12,9413	48,2861	1,89962	-3,7385	0,000185125	0,00186448	yes
AN5764	ChrV_A_nidulans_FGSC_A4:1769851-1772542	WT_5hasex	WT_veg	OK	59,695	291,848	2,28953	-4,71859	2,37486E-06	3,99254E-05	yes

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AN5765	ChrV_A_nidulans_FGSC_A4:1768764-1769358	WT_5hasex	WT_veg	OK	2,83074	21,6098	2,93244	-3,01675	0,00255504	0,0171236	yes
AN5768	ChrV_A_nidulans_FGSC_A4:1761458-1762904	WT_5hasex	WT_veg	OK	112,255	466,739	2,05584	-4,26968	1,95757E-05	0,000261552	yes
AN5771	ChrV_A_nidulans_FGSC_A4:1755337-1756186	WT_5hasex	WT_veg	OK	145,475	366,782	1,33415	-2,7705	0,00559704	0,0325776	yes
AN5775	ChrV_A_nidulans_FGSC_A4:1732249-1734856	WT_5hasex	WT_veg	OK	11,5489	37,7655	1,70931	-3,12063	0,00180463	0,0128069	yes
AN5776	ChrV_A_nidulans_FGSC_A4:1727558-1731516	WT_5hasex	WT_veg	OK	24,8698	61,4299	1,30455	-2,64659	0,00813078	0,0441832	yes
AN5782	ChrV_A_nidulans_FGSC_A4:1714275-1715399	WT_5hasex	WT_veg	OK	118,536	494,223	2,05983	-4,20364	2,62651E-05	0,000340174	yes
AN5785	ChrV_A_nidulans_FGSC_A4:1709606-1710522	WT_5hasex	WT_veg	OK	75,5357	565,944	2,90543	-5,93289	2,97644E-09	9,53371E-08	yes
AN5786	ChrV_A_nidulans_FGSC_A4:1707035-1709299	WT_5hasex	WT_veg	OK	44,7489	144,479	1,69094	-3,50414	0,000458091	0,00404123	yes
AN5788	ChrV_A_nidulans_FGSC_A4:1700525-1701344	WT_5hasex	WT_veg	OK	38,6639	173,069	2,16229	-3,95592	7,62403E-05	0,000866062	yes
AN5789	ChrV_A_nidulans_FGSC_A4:1698844-1700214	WT_5hasex	WT_veg	OK	28,6588	116,187	2,0194	-3,95162	7,76245E-05	0,000879498	yes
AN5795	ChrV_A_nidulans_FGSC_A4:1680998-1684994	WT_5hasex	WT_veg	OK	21,8177	52,5705	1,26875	-2,63265	0,0084722	0,0456514	yes
AN5799	Chrl_A_nidulans_FGSC_A4:2204395-2207013	WT_5hasex	WT_veg	OK	82,0008	211,924	1,36984	-2,79236	0,00523247	0,0308553	yes
AN5806	Chrl_A_nidulans_FGSC_A4:2186266-2187260	WT_5hasex	WT_veg	OK	98,1996	264,282	1,42829	-2,8503	0,00436774	0,026682	yes
AN5819	Chrl_A_nidulans_FGSC_A4:2158285-2159557	WT_5hasex	WT_veg	OK	204,694	506,151	1,3061	-2,617	0,00887055	0,0474079	yes
AN5824	Chrl_A_nidulans_FGSC_A4:2136040-2138535	WT_5hasex	WT_veg	OK	36,6836	94,1095	1,35921	-2,81818	0,00482965	0,028937	yes
AN5839	Chrl_A_nidulans_FGSC_A4:2076680-2081509	WT_5hasex	WT_veg	OK	15,4398	37,7996	1,29172	-2,67996	0,0073631	0,0407823	yes
AN5844	Chrl_A_nidulans_FGSC_A4:2056413-2057055	WT_5hasex	WT_veg	OK	68,0506	7,42153	-3,19682	4,52572	6,01916E-06	9,13985E-05	yes
AN5846	Chrl_A_nidulans_FGSC_A4:2052851-2054467	WT_5hasex	WT_veg	OK	90,1125	33,0135	-1,44867	2,71099	0,00670825	0,0378595	yes
AN5855	Chrl_A_nidulans_FGSC_A4:2006437-2007366	WT_5hasex	WT_veg	OK	24,9004	180,845	2,86051	-5,19667	2,02895E-07	4,41533E-06	yes
AN5856	Chrl_A_nidulans_FGSC_A4:2001382-2004247	WT_5hasex	WT_veg	OK	68,5258	201,419	1,55548	-3,05118	0,00227944	0,0155639	yes
AN5865	Chrl_A_nidulans_FGSC_A4:1972626-1975038	WT_5hasex	WT_veg	OK	31,3598	286,751	3,19281	-6,30605	2,86247E-10	1,10293E-08	yes
AN5866	Chrl_A_nidulans_FGSC_A4:1970860-1972429	WT_5hasex	WT_veg	OK	85,2309	324,702	1,92967	-4,00593	6,17735E-05	0,000721108	yes
AN5867	Chrl_A_nidulans_FGSC_A4:1966476-1968830	WT_5hasex	WT_veg	OK	45,3151	164,59	1,86081	-3,88056	0,000104215	0,00113678	yes
AN5871	Chrl_A_nidulans_FGSC_A4:1953794-1955567	WT_5hasex	WT_veg	OK	7,55648	45,8735	2,60188	-4,1971	2,70358E-05	0,000349465	yes
AN5875	Chrl_A_nidulans_FGSC_A4:1941961-1943210	WT_5hasex	WT_veg	OK	37,0395	169,385	2,19317	-4,32593	1,51886E-05	0,000209396	yes
AN5897	Chrl_A_nidulans_FGSC_A4:1868039-1868914	WT_5hasex	WT_veg	OK	88,8486	262,328	1,56195	-3,17022	0,00152322	0,0111326	yes
AN5904	Chrl_A_nidulans_FGSC_A4:1851762-1852485	WT_5hasex	WT_veg	OK	514,024	1911,32	1,89466	-3,71794	0,000200854	0,0020006	yes
AN5906	Chrl_A_nidulans_FGSC_A4:1845336-1846919	WT_5hasex	WT_veg	OK	71,4043	203,994	1,51444	-3,11323	0,00185049	0,0130845	yes
AN5907	Chrl_A_nidulans_FGSC_A4:1844218-1845169	WT_5hasex	WT_veg	OK	653,194	3578,38	2,45372	-4,26759	1,97593E-05	0,000263467	yes
AN5911	Chrl_A_nidulans_FGSC_A4:1834264-1836609	WT_5hasex	WT_veg	OK	18,0119	54,1717	1,58859	-3,15088	0,00162782	0,0117608	yes
AN5913	Chrl_A_nidulans_FGSC_A4:1830500-1832112	WT_5hasex	WT_veg	OK	36,6039	120,376	1,71748	-2,86787	0,0041325	0,0254766	yes
AN5931	Chrl_A_nidulans_FGSC_A4:1770876-1773930	WT_5hasex	WT_veg	OK	99,0772	900,034	3,18335	-6,27815	3,42625E-10	1,31053E-08	yes
AN5933	Chrl_A_nidulans_FGSC_A4:1760213-1762487	WT_5hasex	WT_veg	OK	11,1416	35,6982	1,6799	-3,0283	0,00245933	0,0165818	yes
AN5935	Chrl_A_nidulans_FGSC_A4:1754268-1756423	WT_5hasex	WT_veg	OK	148,124	577,22	1,96232	-3,70122	0,000214565	0,00211585	yes
AN5938	Chrl_A_nidulans_FGSC_A4:1740509-1741327	WT_5hasex	WT_veg	OK	4,34901	26,3464	2,59885	-3,4474	0,000566016	0,00484158	yes
AN5939	Chrl_A_nidulans_FGSC_A4:1737725-1739572	WT_5hasex	WT_veg	OK	55,6758	208,446	1,90455	-3,01431	0,00257568	0,0172355	yes
AN5940	Chrl_A_nidulans_FGSC_A4:1734382-1734961	WT_5hasex	WT_veg	OK	51,596	176,884	1,77748	-3,07971	0,00207205	0,014389	yes
AN5947	Chrl_A_nidulans_FGSC_A4:1707272-1711587	WT_5hasex	WT_veg	OK	8,41519	28,2479	1,74708	-3,19309	0,00140761	0,0104139	yes
AN5953	Chrl_A_nidulans_FGSC_A4:1694336-1695454	WT_5hasex	WT_veg	OK	90,4366	246,708	1,44782	-2,77927	0,00544815	0,0318631	yes
AN5955	Chrl_A_nidulans_FGSC_A4:1688292-1690460	WT_5hasex	WT_veg	OK	18,5477	52,1094	1,4903	-2,81501	0,0048776	0,0291643	yes
AN5959	Chrl_A_nidulans_FGSC_A4:1671952-1674094	WT_5hasex	WT_veg	OK	66,3023	245,948	1,89122	-3,94579	7,95383E-05	0,000897881	yes
AN5966	Chrl_A_nidulans_FGSC_A4:1651222-1653705	WT_5hasex	WT_veg	OK	33,5733	239,529	2,83481	-5,92502	3,12267E-09	9,94737E-08	yes
AN5975	Chrl_A_nidulans_FGSC_A4:1622081-1623690	WT_5hasex	WT_veg	OK	896,889	4772,85	2,41185	-3,09075	0,00199655	0,0139543	yes
AN5980	Chrl_A_nidulans_FGSC_A4:1606032-1607004	WT_5hasex	WT_veg	OK	21,9771	65,7409	1,58079	-2,87138	0,00408685	0,0252249	yes
AN5981	Chrl_A_nidulans_FGSC_A4:1601436-1605200	WT_5hasex	WT_veg	OK	23,4649	62,6603	1,41705	-2,89973	0,00373487	0,0234634	yes
AN5986	Chrl_A_nidulans_FGSC_A4:1585354-1586666	WT_5hasex	WT_veg	OK	34,5081	146,898	2,0898	-4,04386	5,25786E-05	0,000624909	yes

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AN5994	Chrl_A_nidulans_FGSC_A4:1561061-1562440	WT_5hasex	WT_veg	OK	127,839	470,642	1,8803	-3,90796	9,30788E-05	0,00103097	yes
AN5995	Chrl_A_nidulans_FGSC_A4:1559190-1560804	WT_5hasex	WT_veg	OK	43,3404	180,559	2,05869	-4,19275	2,75599E-05	0,000355362	yes
AN5998	Chrl_A_nidulans_FGSC_A4:1554946-1556578	WT_5hasex	WT_veg	OK	5,67408	29,6131	2,38377	-3,74034	0,00018377	0,00185354	yes
AN5999	Chrl_A_nidulans_FGSC_A4:1550370-1554465	WT_5hasex	WT_veg	OK	44,7091	110,765	1,30886	-2,7109	0,00671016	0,0378662	yes
AN6005	Chrl_A_nidulans_FGSC_A4:1534356-1534752	WT_5hasex	WT_veg	OK	149,462	614,577	2,03981	-4,12676	3,67907E-05	0,000458697	yes
AN6006	Chrl_A_nidulans_FGSC_A4:1529852-1533437	WT_5hasex	WT_veg	OK	37,0457	142,509	1,94368	-4,00671	6,15701E-05	0,000718894	yes
AN6009	Chrl_A_nidulans_FGSC_A4:1521532-1524336	WT_5hasex	WT_veg	OK	68,4382	186,161	1,44368	-2,98957	0,00279368	0,0184172	yes
AN6032	Chrl_A_nidulans_FGSC_A4:1452229-1453894	WT_5hasex	WT_veg	OK	20,0806	133,35	2,73135	-5,15839	2,49087E-07	5,29091E-06	yes
AN6059	Chrl_A_nidulans_FGSC_A4:1389796-1390836	WT_5hasex	WT_veg	OK	101,413	297,609	1,55318	-3,23917	0,00119877	0,00911596	yes
AN6060	Chrl_A_nidulans_FGSC_A4:1382777-1388362	WT_5hasex	WT_veg	OK	58,3494	327,547	2,48891	-4,89959	9,60392E-07	1,76717E-05	yes
AN6067	Chrl_A_nidulans_FGSC_A4:1365444-1367514	WT_5hasex	WT_veg	OK	194,758	547,519	1,49123	-2,87453	0,00404633	0,0250013	yes
AN6070	Chrl_A_nidulans_FGSC_A4:1350607-1353881	WT_5hasex	WT_veg	OK	16,0507	49,5345	1,6258	-3,26721	0,00108614	0,00841079	yes
AN6085	Chrl_A_nidulans_FGSC_A4:1305960-1308504	WT_5hasex	WT_veg	OK	15,7136	45,756	1,54195	-2,98319	0,00285257	0,0187295	yes
AN6092	Chrl_A_nidulans_FGSC_A4:1281951-1284453	WT_5hasex	WT_veg	OK	30,0374	76,1698	1,34246	-2,71137	0,00670065	0,0378289	yes
AN6104	Chrl_A_nidulans_FGSC_A4:1247184-1248592	WT_5hasex	WT_veg	OK	137,29	1137,41	3,05045	-5,76232	8,29649E-09	2,44793E-07	yes
AN6110	Chrl_A_nidulans_FGSC_A4:1229393-1230337	WT_5hasex	WT_veg	OK	64,0949	171,917	1,42343	-2,85094	0,00435898	0,0266347	yes
AN6111	Chrl_A_nidulans_FGSC_A4:1228182-1229231	WT_5hasex	WT_veg	OK	73,0001	216,048	1,56538	-3,15856	0,00158552	0,0115076	yes
AN6112	Chrl_A_nidulans_FGSC_A4:1223342-1227523	WT_5hasex	WT_veg	OK	28,5877	75,1297	1,39399	-2,91017	0,00361236	0,0228222	yes
AN6116	Chrl_A_nidulans_FGSC_A4:1214810-1215806	WT_5hasex	WT_veg	OK	9,72039	46,183	2,24827	-3,16306	0,00156123	0,0113595	yes
AN6123	Chrl_A_nidulans_FGSC_A4:1190759-1192308	WT_5hasex	WT_veg	OK	14,1283	39,9606	1,49999	-2,73535	0,00623148	0,0356253	yes
AN6128	Chrl_A_nidulans_FGSC_A4:1165559-1167047	WT_5hasex	WT_veg	OK	20,4109	5,33294	-1,93633	3,22061	0,00127918	0,00961716	yes
AN6132	Chrl_A_nidulans_FGSC_A4:1139168-1143308	WT_5hasex	WT_veg	OK	39,148	95,081	1,28022	-2,6693	0,00760084	0,0418513	yes
AN6144	Chrl_A_nidulans_FGSC_A4:1102634-1103425	WT_5hasex	WT_veg	OK	0,944806	12,6402	3,74186	-3,57304	0,000352866	0,00323041	yes
AN6149	Chrl_A_nidulans_FGSC_A4:1091592-1093622	WT_5hasex	WT_veg	OK	12,5224	51,1849	2,03121	-3,72009	0,000199154	0,00198556	yes
AN6164	Chrl_A_nidulans_FGSC_A4:1042470-1050676	WT_5hasex	WT_veg	OK	8,38591	28,5702	1,76847	-3,57726	0,00034721	0,00318587	yes
AN6165	Chrl_A_nidulans_FGSC_A4:1039832-1041740	WT_5hasex	WT_veg	OK	27,5165	110,477	2,00537	-4,05148	5,08955E-05	0,000607661	yes
AN6166	Chrl_A_nidulans_FGSC_A4:1037691-1039495	WT_5hasex	WT_veg	OK	52,5141	247,712	2,23789	-4,64639	3,37802E-06	5,46342E-05	yes
AN6171	Chrl_A_nidulans_FGSC_A4:1024067-1024816	WT_5hasex	WT_veg	OK	25,9039	218,809	3,07843	-5,16958	2,34615E-07	5,01989E-06	yes
AN6175	Chrl_A_nidulans_FGSC_A4:1015309-1016372	WT_5hasex	WT_veg	OK	28,3448	82,7807	1,54621	-2,95306	0,00314645	0,0203405	yes
AN6183	Chrl_A_nidulans_FGSC_A4:1002629-1003914	WT_5hasex	WT_veg	OK	65,2536	160,553	1,29892	-2,68115	0,00733701	0,0406679	yes
AN6192	Chrl_A_nidulans_FGSC_A4:981028-984487	WT_5hasex	WT_veg	OK	19,756	180,708	3,19329	-6,24517	4,23348E-10	1,59255E-08	yes
AN6196	Chrl_A_nidulans_FGSC_A4:955885-956784	WT_5hasex	WT_veg	OK	18,6326	90,0468	2,27285	-3,87	0,000108835	0,00118225	yes
AN6200	Chrl_A_nidulans_FGSC_A4:944626-948705	WT_5hasex	WT_veg	OK	9,13657	52,7953	2,53068	-4,85324	1,21462E-06	2,18422E-05	yes
AN6203	Chrl_A_nidulans_FGSC_A4:926991-927705	WT_5hasex	WT_veg	OK	209,127	2332,74	3,47958	-7,04959	1,79456E-12	9,6549E-11	yes
AN6225	Chrl_A_nidulans_FGSC_A4:850238-850877	WT_5hasex	WT_veg	OK	154,477	525,282	1,7657	-3,62687	0,000286874	0,00271644	yes
AN6227	Chrl_A_nidulans_FGSC_A4:843381-844901	WT_5hasex	WT_veg	OK	82,3081	311,377	1,91956	-3,80241	0,000143293	0,00149549	yes
AN6228	Chrl_A_nidulans_FGSC_A4:838121-843228	WT_5hasex	WT_veg	OK	20,229	80,9103	1,99989	-4,20323	2,63128E-05	0,000340623	yes
AN6233	Chrl_A_nidulans_FGSC_A4:811499-812467	WT_5hasex	WT_veg	OK	18,0618	58,2247	1,68869	-2,94885	0,00318955	0,0205684	yes
AN6235	Chrl_A_nidulans_FGSC_A4:804516-805330	WT_5hasex	WT_veg	OK	24,1958	5,31243	-2,18731	3,12391	0,00178465	0,0127031	yes
AN6236	Chrl_A_nidulans_FGSC_A4:797657-804024	WT_5hasex	WT_veg	OK	12,9608	2,96456	-2,12826	4,25653	0,000020762	0,000275506	yes
AN6237	Chrl_A_nidulans_FGSC_A4:793305-797305	WT_5hasex	WT_veg	OK	14,6703	3,41795	-2,1017	4,03577	0,000054424	0,000644941	yes
AN6241	Chrl_A_nidulans_FGSC_A4:784741-787015	WT_5hasex	WT_veg	OK	112,05	452,268	2,01304	-4,00242	6,26968E-05	0,00073026	yes
AN6245	Chrl_A_nidulans_FGSC_A4:770658-771525	WT_5hasex	WT_veg	OK	50,0078	227,908	2,18823	-4,30085	1,70144E-05	0,000231929	yes
AN6250	Chrl_A_nidulans_FGSC_A4:756139-758659	WT_5hasex	WT_veg	OK	39,807	119,675	1,58803	-3,28531	0,00101868	0,00797924	yes
AN6251	Chrl_A_nidulans_FGSC_A4:752191-753517	WT_5hasex	WT_veg	OK	68,495	239,977	1,80882	-3,68076	0,000232543	0,00226753	yes
AN6252	Chrl_A_nidulans_FGSC_A4:750359-751927	WT_5hasex	WT_veg	OK	43,1353	114,14	1,40386	-2,876	0,0040275	0,0249114	yes

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AN6265	Chrl_A_nidulans_FGSC_A4:710385-712407	WT_5hasex	WT_veg	OK	11,7466	111,061	3,24103	-5,88251	4,04081E-09	1,26772E-07	yes
AN6266	Chrl_A_nidulans_FGSC_A4:707467-710134	WT_5hasex	WT_veg	OK	12,9043	75,3984	2,54668	-4,84256	1,28179E-06	2,29636E-05	yes
AN6267	Chrl_A_nidulans_FGSC_A4:705986-707456	WT_5hasex	WT_veg	OK	90,8977	262,133	1,52798	-3,16319	0,0015605	0,0113558	yes
AN6268	Chrl_A_nidulans_FGSC_A4:702841-705753	WT_5hasex	WT_veg	OK	33,6917	96,299	1,51513	-3,17154	0,00151632	0,011099	yes
AN6274	Chrl_A_nidulans_FGSC_A4:690221-691165	WT_5hasex	WT_veg	OK	195,339	1172,09	2,58502	-4,92103	8,60896E-07	0,000016083	yes
AN6276	Chrl_A_nidulans_FGSC_A4:684418-685556	WT_5hasex	WT_veg	OK	58,4749	157,402	1,42857	-2,84049	0,00450437	0,0273699	yes
AN6277	Chrl_A_nidulans_FGSC_A4:681406-683914	WT_5hasex	WT_veg	OK	158,076	596,749	1,9165	-3,49469	0,000474611	0,00416383	yes
AN6286	Chrl_A_nidulans_FGSC_A4:649937-653698	WT_5hasex	WT_veg	OK	109,905	588,799	2,42152	-4,16002	3,18223E-05	0,000404256	yes
AN6290	Chrl_A_nidulans_FGSC_A4:642444-643374	WT_5hasex	WT_veg	OK	17,4526	136,714	2,96964	-5,19522	2,04478E-07	4,44608E-06	yes
AN6295	Chrl_A_nidulans_FGSC_A4:628000-629672	WT_5hasex	WT_veg	OK	19,0498	59,2917	1,63805	-3,00211	0,00268115	0,0177957	yes
AN6301	Chrl_A_nidulans_FGSC_A4:614103-615496	WT_5hasex	WT_veg	OK	116,454	883,31	2,92316	-5,98045	2,22521E-09	7,29698E-08	yes
AN6308	Chrl_A_nidulans_FGSC_A4:599782-600947	WT_5hasex	WT_veg	OK	29,2606	77,9916	1,41436	-2,7	0,00693401	0,038845	yes
AN6310	Chrl_A_nidulans_FGSC_A4:583071-597892	WT_5hasex	WT_veg	OK	2,51575	9,45228	1,90967	-3,83856	0,000123758	0,00132296	yes
AN6322	Chrl_A_nidulans_FGSC_A4:540148-541957	WT_5hasex	WT_veg	OK	24,0412	70,8072	1,55839	-3,04678	0,00231308	0,0157498	yes
AN6334	Chrl_A_nidulans_FGSC_A4:492293-496043	WT_5hasex	WT_veg	OK	14,208	90,1522	2,66566	-5,41438	6,15017E-08	1,50669E-06	yes
AN6347	Chrl_A_nidulans_FGSC_A4:451659-453735	WT_5hasex	WT_veg	OK	36,9982	114,855	1,63428	-3,30836	0,000938457	0,00745446	yes
AN6348	Chrl_A_nidulans_FGSC_A4:449578-450252	WT_5hasex	WT_veg	OK	94,9734	402,862	2,08469	-4,16235	3,14991E-05	0,000400441	yes
AN6349	Chrl_A_nidulans_FGSC_A4:443629-449186	WT_5hasex	WT_veg	OK	12,5079	30,1837	1,27093	-2,62368	0,00869862	0,0466556	yes
AN6350	Chrl_A_nidulans_FGSC_A4:442486-443386	WT_5hasex	WT_veg	OK	2,34134	10,7687	2,20144	-2,82827	0,00468005	0,0282117	yes
AN6351	Chrl_A_nidulans_FGSC_A4:439880-442269	WT_5hasex	WT_veg	OK	48,6441	120,258	1,30579	-2,70511	0,00682826	0,0383757	yes
AN6354	Chrl_A_nidulans_FGSC_A4:430984-435765	WT_5hasex	WT_veg	OK	18,7092	89,9565	2,26548	-4,75315	2,00275E-06	3,44319E-05	yes
AN6362	Chrl_A_nidulans_FGSC_A4:411742-412369	WT_5hasex	WT_veg	OK	19,0488	79,2528	2,05676	-3,27992	0,00103836	0,00810666	yes
AN6367	Chrl_A_nidulans_FGSC_A4:401621-404172	WT_5hasex	WT_veg	OK	314,386	1027,61	1,70868	-3,32835	0,000873634	0,00700967	yes
AN6368	Chrl_A_nidulans_FGSC_A4:398977-401265	WT_5hasex	WT_veg	OK	67,3789	199,101	1,56313	-3,24042	0,00119353	0,00908799	yes
AN6369	Chrl_A_nidulans_FGSC_A4:395743-398043	WT_5hasex	WT_veg	OK	8,96489	34,6382	1,95001	-3,09151	0,00199139	0,0139267	yes
AN6370	Chrl_A_nidulans_FGSC_A4:391695-394028	WT_5hasex	WT_veg	OK	45,9882	254,136	2,46626	-5,08186	3,73757E-07	7,63274E-06	yes
AN6374	Chrl_A_nidulans_FGSC_A4:378989-380985	WT_5hasex	WT_veg	OK	10,7457	92,1306	3,09992	-5,51703	3,44772E-08	8,87441E-07	yes
AN6379	Chrl_A_nidulans_FGSC_A4:364852-367063	WT_5hasex	WT_veg	OK	19,5694	87,9876	2,1687	-3,9158	9,01041E-05	0,0010029	yes
AN6397	Chrl_A_nidulans_FGSC_A4:308116-309876	WT_5hasex	WT_veg	OK	18,39	181,394	3,30214	-6,32691	2,50118E-10	9,75204E-09	yes
AN6398	Chrl_A_nidulans_FGSC_A4:306712-307706	WT_5hasex	WT_veg	OK	36,1032	136,234	1,91588	-3,5972	0,000321667	0,00298856	yes
AN6400	Chrl_A_nidulans_FGSC_A4:299999-302568	WT_5hasex	WT_veg	OK	13,1739	2,10873	-2,64324	3,9656	7,32118E-05	0,000835099	yes
AN6401	Chrl_A_nidulans_FGSC_A4:298404-298947	WT_5hasex	WT_veg	OK	929,352	28,7111	-5,01655	6,74785	1,50053E-11	6,95234E-10	yes
AN6412	Chrl_A_nidulans_FGSC_A4:267478-269222	WT_5hasex	WT_veg	OK	133,334	428,135	1,68302	-3,11266	0,00185407	0,0131063	yes
AN6422	Chrl_A_nidulans_FGSC_A4:236546-237561	WT_5hasex	WT_veg	OK	4,66075	19,4548	2,06149	-2,85008	0,00437077	0,0266974	yes
AN6426	Chrl_A_nidulans_FGSC_A4:229008-230268	WT_5hasex	WT_veg	OK	220,619	45,6754	-2,27207	4,50491	6,64007E-06	9,97286E-05	yes
AN6440	Chrl_A_nidulans_FGSC_A4:172566-173948	WT_5hasex	WT_veg	OK	8,29027	27,0836	1,70793	-2,71589	0,00660972	0,0374244	yes
AN6441	Chrl_A_nidulans_FGSC_A4:170813-171984	WT_5hasex	WT_veg	OK	18,3168	179,736	3,29464	-5,62976	1,80461E-08	4,94071E-07	yes
AN6470	Chrl_A_nidulans_FGSC_A4:51785-52573	WT_5hasex	WT_veg	OK	33,694	2,59798	-3,69703	4,10397	4,06124E-05	0,000499687	yes
AN6477	Chrl_A_nidulans_FGSC_A4:24752-26659	WT_5hasex	WT_veg	OK	110,534	4,10222	-4,75194	7,40241	1,33671E-13	8,34877E-12	yes
AN6478	Chrl_A_nidulans_FGSC_A4:22400-23183	WT_5hasex	WT_veg	OK	1,67387	18,3353	3,45337	-3,39372	0,000689495	0,00572054	yes
AN6488	Chrl_A_nidulans_FGSC_A4:2274285-2275804	WT_5hasex	WT_veg	OK	60,3157	150,732	1,32138	-2,71762	0,00657539	0,0372703	yes
AN6489	Chrl_A_nidulans_FGSC_A4:2276158-2277277	WT_5hasex	WT_veg	OK	103,574	263,945	1,34957	-2,79139	0,00524825	0,0309253	yes
AN6490	Chrl_A_nidulans_FGSC_A4:2277390-2280158	WT_5hasex	WT_veg	OK	112,498	306,462	1,4458	-2,88472	0,00391757	0,0243724	yes
AN6491	Chrl_A_nidulans_FGSC_A4:2277390-2280158	WT_5hasex	WT_veg	OK	59,5102	657,127	3,46496	-6,87679	6,12155E-12	3,04636E-10	yes
AN6495	Chrl_A_nidulans_FGSC_A4:2289312-2290151	WT_5hasex	WT_veg	OK	22,9505	78,9669	1,78272	-3,10971	0,0018727	0,0132041	yes
AN6497	Chrl_A_nidulans_FGSC_A4:2293535-2294109	WT_5hasex	WT_veg	OK	69,0545	409,12	2,56672	-4,7963	1,61625E-06	2,83734E-05	yes

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AN6506	Chrl_A_nidulans_FGSC_A4:2316941-2318172	WT_5hasex	WT_veg	OK	163,869	392,105	1,2587	-2,59577	0,0094378	0,0497643	yes
AN6510	Chrl_A_nidulans_FGSC_A4:2331317-2333269	WT_5hasex	WT_veg	OK	153,247	490,701	1,67898	-3,34285	0,000829236	0,00669547	yes
AN6513	Chrl_A_nidulans_FGSC_A4:2341098-2342545	WT_5hasex	WT_veg	OK	14,3551	42,2113	1,55607	-2,78725	0,00531573	0,0312457	yes
AN6529	Chrl_A_nidulans_FGSC_A4:2381906-2384115	WT_5hasex	WT_veg	OK	5,4549	19,4965	1,83759	-2,93033	0,00338607	0,0216466	yes
AN6537	Chrl_A_nidulans_FGSC_A4:2405111-2405919	WT_5hasex	WT_veg	OK	44,964	256,243	2,51067	-4,78276	1,72908E-06	3,01221E-05	yes
AN6540	Chrl_A_nidulans_FGSC_A4:2412701-2415128	WT_5hasex	WT_veg	OK	11,8786	49,0515	2,04594	-3,81822	0,000134416	0,00142038	yes
AN6548	Chrl_A_nidulans_FGSC_A4:2428984-2429957	WT_5hasex	WT_veg	OK	39,2496	104,696	1,41545	-2,6172	0,0088655	0,0473954	yes
AN6556	Chrl_A_nidulans_FGSC_A4:2451840-2452516	WT_5hasex	WT_veg	OK	23,1396	109,233	2,23897	-3,63965	0,000273008	0,0026016	yes
AN6558	Chrl_A_nidulans_FGSC_A4:2454137-2454829	WT_5hasex	WT_veg	OK	22,6043	111,465	2,30193	-3,60509	0,000312047	0,00291685	yes
AN6561	Chrl_A_nidulans_FGSC_A4:2462125-2463264	WT_5hasex	WT_veg	OK	15,0495	75,301	2,32295	-3,97006	7,18534E-05	0,000822109	yes
AN6562	Chrl_A_nidulans_FGSC_A4:2463800-2465660	WT_5hasex	WT_veg	OK	6,53769	27,2331	2,05851	-3,403	0,000666494	0,00555344	yes
AN6571	Chrl_A_nidulans_FGSC_A4:2487389-2489020	WT_5hasex	WT_veg	OK	11,184	46,274	2,04876	-3,58092	0,000342384	0,0031493	yes
AN6574	Chrl_A_nidulans_FGSC_A4:2493385-2495920	WT_5hasex	WT_veg	OK	27,5326	87,401	1,66651	-3,41552	0,000636612	0,00534612	yes
AN6576	Chrl_A_nidulans_FGSC_A4:2501190-2501908	WT_5hasex	WT_veg	OK	120,241	328,363	1,44936	-2,97789	0,0029024	0,0190091	yes
AN6577	Chrl_A_nidulans_FGSC_A4:2504203-2506610	WT_5hasex	WT_veg	OK	14,2061	43,5079	1,61477	-3,11841	0,00181829	0,0128812	yes
AN6581	Chrl_A_nidulans_FGSC_A4:2523954-2528508	WT_5hasex	WT_veg	OK	8,28635	22,3886	1,43396	-2,82625	0,00470962	0,0283573	yes
AN6585	Chrl_A_nidulans_FGSC_A4:2536299-2540026	WT_5hasex	WT_veg	OK	4,61969	24,3536	2,39827	-4,17569	2,97083E-05	0,000380629	yes
AN6586	Chrl_A_nidulans_FGSC_A4:2540197-2540815	WT_5hasex	WT_veg	OK	23,648	91,9342	1,95888	-3,37767	0,000731028	0,00601371	yes
AN6590	Chrl_A_nidulans_FGSC_A4:2557766-2562479	WT_5hasex	WT_veg	OK	20,9652	71,9259	1,77851	-3,68373	0,000229845	0,00224624	yes
AN6594	Chrl_A_nidulans_FGSC_A4:2570316-2571599	WT_5hasex	WT_veg	OK	19,4633	61,8612	1,66828	-3,05731	0,00223337	0,0153134	yes
AN6597	Chrl_A_nidulans_FGSC_A4:2578473-2579896	WT_5hasex	WT_veg	OK	37,4153	143,65	1,94086	-3,81025	0,000138824	0,00145668	yes
AN6601	Chrl_A_nidulans_FGSC_A4:2590989-2593061	WT_5hasex	WT_veg	OK	59,9042	157,512	1,39474	-2,91919	0,00350944	0,0223101	yes
AN6612	Chrl_A_nidulans_FGSC_A4:2621274-2622354	WT_5hasex	WT_veg	OK	24,8371	185,158	2,89819	-5,17938	2,2262E-07	4,79677E-06	yes
AN6633	Chrl_A_nidulans_FGSC_A4:2683974-2684394	WT_5hasex	WT_veg	OK	497,524	5549,39	3,47949	-7,00134	2,53531E-12	1,32855E-10	yes
AN6634	Chrl_A_nidulans_FGSC_A4:2685202-2686534	WT_5hasex	WT_veg	OK	10,6942	93,7242	3,1316	-5,32536	1,00756E-07	2,34449E-06	yes
AN6646	Chrl_A_nidulans_FGSC_A4:2721339-2722272	WT_5hasex	WT_veg	OK	38,0562	102,564	1,43032	-2,76776	0,00564428	0,0328198	yes
AN6651	Chrl_A_nidulans_FGSC_A4:2734372-2738239	WT_5hasex	WT_veg	OK	20,4876	196,855	3,26431	-6,72893	1,70917E-11	7,84342E-10	yes
AN6657	Chrl_A_nidulans_FGSC_A4:2751297-2751944	WT_5hasex	WT_veg	OK	2246,93	516,92	-2,11994	3,54421	0,000393787	0,0035474	yes
AN6668	Chrl_A_nidulans_FGSC_A4:2785296-2786471	WT_5hasex	WT_veg	OK	0,958339	6,06704	2,66238	-2,75349	0,00589642	0,0339916	yes
AN6676	Chrl_A_nidulans_FGSC_A4:2813445-2815674	WT_5hasex	WT_veg	OK	49,1991	155,853	1,66348	-3,40582	0,000659655	0,00550609	yes
AN6687	Chrl_A_nidulans_FGSC_A4:2849260-2851640	WT_5hasex	WT_veg	OK	80,5654	222,372	1,46474	-3,0116	0,00259875	0,0173468	yes
AN6690	Chrl_A_nidulans_FGSC_A4:2858921-2860280	WT_5hasex	WT_veg	OK	44,6013	191,403	2,10146	-4,20771	2,57977E-05	0,000334451	yes
AN6698	Chrl_A_nidulans_FGSC_A4:2888379-2889761	WT_5hasex	WT_veg	OK	36,1611	220,485	2,60817	-5,09906	3,41339E-07	7,04206E-06	yes
AN6700	Chrl_A_nidulans_FGSC_A4:2894421-2897319	WT_5hasex	WT_veg	OK	282,311	2146,49	2,92662	-4,83404	1,33789E-06	2,38658E-05	yes
AN6701	Chrl_A_nidulans_FGSC_A4:2900579-2901699	WT_5hasex	WT_veg	OK	85,6842	301,466	1,81489	-3,73348	0,00018885	0,00189732	yes
AN6706	Chrl_A_nidulans_FGSC_A4:2916856-2918941	WT_5hasex	WT_veg	OK	11,1918	36,1063	1,68981	-3,09463	0,00197059	0,0138107	yes
AN6711	Chrl_A_nidulans_FGSC_A4:2931249-2933307	WT_5hasex	WT_veg	OK	79,7615	386,373	2,27623	-4,64936	3,32964E-06	5,40018E-05	yes
AN6725	Chrl_A_nidulans_FGSC_A4:2990055-2991474	WT_5hasex	WT_veg	OK	21,0662	74,6457	1,82513	-3,41166	0,00064568	0,00540926	yes
AN6742	Chrl_A_nidulans_FGSC_A4:3038674-3040973	WT_5hasex	WT_veg	OK	15,7218	5,40171	-1,54128	2,75554	0,00585946	0,0338321	yes
AN6750	Chrl_A_nidulans_FGSC_A4:3057395-3058870	WT_5hasex	WT_veg	OK	94,4096	17,5253	-2,42949	4,37641	0,000012065	0,000169771	yes
AN6769	Chrl_A_nidulans_FGSC_A4:3107451-3109092	WT_5hasex	WT_veg	OK	17,8761	77,7466	2,12075	-3,54807	0,000388064	0,00350127	yes
AN6770	Chrl_A_nidulans_FGSC_A4:3110920-3112895	WT_5hasex	WT_veg	OK	4,58905	21,4886	2,2273	-2,82333	0,0047528	0,0285779	yes
AN6774	Chrl_A_nidulans_FGSC_A4:3120967-3122558	WT_5hasex	WT_veg	OK	11,918	73,4039	2,62271	-4,48106	7,42725E-06	0,000110443	yes
AN6778	Chrl_A_nidulans_FGSC_A4:3135796-3137655	WT_5hasex	WT_veg	OK	1,47059	6,15039	2,06429	-2,62185	0,00874538	0,0468632	yes
AN6779	Chrl_A_nidulans_FGSC_A4:3139889-3144575	WT_5hasex	WT_veg	OK	25,3268	245,45	3,2767	-6,72077	1,80762E-11	8,24597E-10	yes
AN6783	Chrl_A_nidulans_FGSC_A4:3153273-3155066	WT_5hasex	WT_veg	OK	13,8274	46,5273	1,75055	-3,12051	0,00180538	0,0128088	yes

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AN6791	Chrl_A_nidulans_FGSC_A4:3181547-3189431	WT_5hasex	WT_veg	OK	1,33517	5,89848	2,14332	-3,39365	0,000689676	0,00572114	yes
AN6797	Chrl_A_nidulans_FGSC_A4:3202191-3202613	WT_5hasex	WT_veg	OK	8,27689	45,9221	2,47203	-2,83037	0,00464948	0,0280629	yes
AN6801	Chrl_A_nidulans_FGSC_A4:3213005-3213786	WT_5hasex	WT_veg	OK	9,56059	42,149	2,14033	-3,27585	0,00105344	0,00819631	yes
AN6802	Chrl_A_nidulans_FGSC_A4:3219506-3221568	WT_5hasex	WT_veg	OK	1,53111	6,9099	2,17409	-2,67211	0,00753753	0,0415858	yes
AN6804	Chrl_A_nidulans_FGSC_A4:3225930-3228749	WT_5hasex	WT_veg	OK	19,3982	218,445	3,49328	-6,78445	1,16533E-11	5,50143E-10	yes
AN6805	Chrl_A_nidulans_FGSC_A4:3237764-3239652	WT_5hasex	WT_veg	OK	6,62203	20,6139	1,63827	-2,61154	0,00901342	0,048016	yes
AN6816	Chrl_A_nidulans_FGSC_A4:3271019-3272895	WT_5hasex	WT_veg	OK	28,5661	75,7064	1,40611	-2,8243	0,00473844	0,0285026	yes
AN6820	Chrl_A_nidulans_FGSC_A4:3277884-3281841	WT_5hasex	WT_veg	OK	47,5444	327,271	2,78314	-5,23641	1,63734E-07	3,62484E-06	yes
AN6822	Chrl_A_nidulans_FGSC_A4:3285702-3287246	WT_5hasex	WT_veg	OK	6,58168	31,789	2,272	-3,55385	0,00037964	0,00343591	yes
AN6824	Chrl_A_nidulans_FGSC_A4:3295384-3297729	WT_5hasex	WT_veg	OK	133,182	617,837	2,21382	-4,22185	2,42301E-05	0,000316084	yes
AN6831	Chrl_A_nidulans_FGSC_A4:3318251-3320065	WT_5hasex	WT_veg	OK	19,0914	1,39996	-3,76947	4,5512	5,33398E-06	8,20403E-05	yes
AN6842	Chrl_A_nidulans_FGSC_A4:3354665-3355971	WT_5hasex	WT_veg	OK	54,5035	137,045	1,33022	-2,72981	0,00633717	0,0361547	yes
AN6854	Chrl_A_nidulans_FGSC_A4:3382774-3383294	WT_5hasex	WT_veg	OK	35,1275	122,173	1,79825	-3,05381	0,00225957	0,0154678	yes
AN6856	Chrl_A_nidulans_FGSC_A4:3387757-3388378	WT_5hasex	WT_veg	OK	672,858	6049,1	3,16835	-5,71992	1,06576E-08	3,07083E-07	yes
AN6864	Chrl_A_nidulans_FGSC_A4:3407292-3408961	WT_5hasex	WT_veg	OK	23,8512	83,5486	1,80855	-3,59635	0,000322713	0,00299625	yes
AN6865	Chrl_A_nidulans_FGSC_A4:3409501-3410436	WT_5hasex	WT_veg	OK	35,469	115,952	1,7089	-3,14759	0,0016462	0,0118691	yes
AN6881	Chrl_A_nidulans_FGSC_A4:3463446-3464372	WT_5hasex	WT_veg	OK	237,106	1433,28	2,59571	-4,63611	3,55024E-06	5,70674E-05	yes
AN6884	Chrl_A_nidulans_FGSC_A4:3469375-3471729	WT_5hasex	WT_veg	OK	1,02161	6,43925	2,65604	-3,19571	0,0013949	0,0103356	yes
AN6887	Chrl_A_nidulans_FGSC_A4:3477668-3479738	WT_5hasex	WT_veg	OK	12,9557	37,5912	1,53681	-2,89204	0,00382753	0,0239458	yes
AN6898	Chrl_A_nidulans_FGSC_A4:3512679-3513878	WT_5hasex	WT_veg	OK	91,967	240,64	1,38769	-2,83911	0,00452395	0,0274602	yes
AN6899	Chrl_A_nidulans_FGSC_A4:3515405-3517115	WT_5hasex	WT_veg	OK	15,2002	46,1338	1,60174	-3,01066	0,00260683	0,0173884	yes
AN6902	Chrl_A_nidulans_FGSC_A4:3520704-3521597	WT_5hasex	WT_veg	OK	39,5348	243,525	2,62287	-4,8387	1,30694E-06	2,33821E-05	yes
AN6905	Chrl_A_nidulans_FGSC_A4:3525020-3526061	WT_5hasex	WT_veg	OK	13,4668	43,7831	1,70097	-2,75203	0,00592278	0,0341137	yes
AN6914	Chrl_A_nidulans_FGSC_A4:3551487-3552272	WT_5hasex	WT_veg	OK	92,7621	266,727	1,52376	-3,1371	0,0017063	0,0122267	yes
AN6915	Chrl_A_nidulans_FGSC_A4:3552645-3554662	WT_5hasex	WT_veg	OK	44,3535	171,987	1,95518	-4,02618	5,66915E-05	0,000668184	yes
AN6931	Chrl_A_nidulans_FGSC_A4:3615292-3616663	WT_5hasex	WT_veg	OK	15,8148	79,9815	2,33839	-4,1954	2,72394E-05	0,000351663	yes
AN6934	Chrl_A_nidulans_FGSC_A4:3623160-3625051	WT_5hasex	WT_veg	OK	2,82666	13,9375	2,30181	-3,27404	0,00106022	0,00824178	yes
AN6940	Chrl_A_nidulans_FGSC_A4:3643283-3644638	WT_5hasex	WT_veg	OK	34,3679	388,164	3,49753	-5,87557	4,21392E-09	1,31504E-07	yes
AN6941	Chrl_A_nidulans_FGSC_A4:3645674-3646892	WT_5hasex	WT_veg	OK	44,5079	157,371	1,82203	-2,99337	0,00275919	0,0182306	yes
AN6944	Chrl_A_nidulans_FGSC_A4:3654556-3656009	WT_5hasex	WT_veg	OK	6,1233	30,4595	2,31451	-3,59716	0,000321714	0,00298856	yes
AN6952	Chrl_A_nidulans_FGSC_A4:3677359-3678853	WT_5hasex	WT_veg	OK	3,12044	13,4152	2,10405	-2,92854	0,0034056	0,0217555	yes
AN6973	ChrIV_A_nidulans_FGSC_A4:1438934-1440314	WT_5hasex	WT_veg	OK	889,437	3485,61	1,97045	-3,33453	0,000854425	0,00687766	yes
AN6985	ChrIV_A_nidulans_FGSC_A4:1396459-1398682	WT_5hasex	WT_veg	OK	39,2525	95,0265	1,27554	-2,63115	0,00850959	0,0458246	yes
AN6992	ChrIV_A_nidulans_FGSC_A4:1370429-1372429	WT_5hasex	WT_veg	OK	172,195	505,608	1,55397	-3,18427	0,00145122	0,0106837	yes
AN6993	ChrIV_A_nidulans_FGSC_A4:1370429-1372429	WT_5hasex	WT_veg	OK	37,7716	407,915	3,4329	-6,78498	1,16103E-11	5,48603E-10	yes
AN6996	ChrIV_A_nidulans_FGSC_A4:1363581-1366020	WT_5hasex	WT_veg	OK	103,153	300,414	1,54216	-2,93831	0,00330007	0,021182	yes
AN6997	ChrIV_A_nidulans_FGSC_A4:1362746-1363480	WT_5hasex	WT_veg	OK	9,39034	42,0891	2,1642	-3,26354	0,00110031	0,00850042	yes
AN7006	ChrIV_A_nidulans_FGSC_A4:1341675-1342850	WT_5hasex	WT_veg	OK	16,018	80,0664	2,3215	-4,0909	4,29698E-05	0,000525485	yes
AN7011	ChrIV_A_nidulans_FGSC_A4:1329617-1332058	WT_5hasex	WT_veg	OK	184,616	1437,49	2,96095	-5,767	8,0696E-09	2,38771E-07	yes
AN7017	ChrIV_A_nidulans_FGSC_A4:1306234-1307415	WT_5hasex	WT_veg	OK	26,4169	115,597	2,12957	-4,11527	3,86734E-05	0,00047898	yes
AN7018	ChrIV_A_nidulans_FGSC_A4:1304199-1305340	WT_5hasex	WT_veg	OK	396,324	1423,47	1,84466	-3,304	0,000953159	0,00755177	yes
AN7042	ChrIV_A_nidulans_FGSC_A4:1217117-1218401	WT_5hasex	WT_veg	OK	92,9631	719,107	2,95148	-5,65652	1,54477E-08	4,28528E-07	yes
AN7053	ChrIV_A_nidulans_FGSC_A4:1186736-1187625	WT_5hasex	WT_veg	OK	68,4721	12,9287	-2,40494	4,23017	2,33515E-05	0,000305916	yes
AN7093	ChrIV_A_nidulans_FGSC_A4:1044824-1046271	WT_5hasex	WT_veg	OK	6,6249	34,3786	2,37554	-3,59235	0,000327706	0,00303508	yes
AN7102	ChrIV_A_nidulans_FGSC_A4:1014766-1015760	WT_5hasex	WT_veg	OK	282,556	77,7483	-1,86165	3,32905	0,000871417	0,0069951	yes
AN7105	ChrIV_A_nidulans_FGSC_A4:1000292-1003441	WT_5hasex	WT_veg	OK	103,683	316,234	1,60881	-3,16226	0,00156552	0,011386	yes

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AN7108	ChrIV_A_nidulans_FGSC_A4:995641-996983	WT_5hasex	WT_veg	OK	122,153	468,789	1,94025	-3,97437	7,05662E-05	0,000809503	yes
AN7124	ChrIV_A_nidulans_FGSC_A4:935193-935825	WT_5hasex	WT_veg	OK	3,81866	17,5976	2,20424	-2,79355	0,00521324	0,030764	yes
AN7128	ChrIV_A_nidulans_FGSC_A4:922287-923115	WT_5hasex	WT_veg	OK	4,71841	30,8601	2,70937	-3,40772	0,000655091	0,00547499	yes
AN7138	ChrIV_A_nidulans_FGSC_A4:877523-879437	WT_5hasex	WT_veg	OK	143,534	366,275	1,35153	-2,75095	0,00594224	0,0342144	yes
AN7139	ChrIV_A_nidulans_FGSC_A4:875076-876869	WT_5hasex	WT_veg	OK	249,011	936,525	1,91111	-3,63538	0,000277568	0,00263929	yes
AN7143	ChrIV_A_nidulans_FGSC_A4:867649-869175	WT_5hasex	WT_veg	OK	111,927	333,897	1,57684	-3,07984	0,00207111	0,0143863	yes
AN7144	ChrIV_A_nidulans_FGSC_A4:866868-867401	WT_5hasex	WT_veg	OK	76,3123	206,389	1,43538	-2,62742	0,00860362	0,0462365	yes
AN7145	ChrIV_A_nidulans_FGSC_A4:865146-866381	WT_5hasex	WT_veg	OK	29,19	86,5393	1,56788	-3,05124	0,00227896	0,0155639	yes
AN7149	ChrIV_A_nidulans_FGSC_A4:857581-859129	WT_5hasex	WT_veg	OK	58,8719	273,29	2,21478	-4,31713	1,58069E-05	0,000217348	yes
AN7158	ChrIV_A_nidulans_FGSC_A4:830822-832398	WT_5hasex	WT_veg	OK	278,969	948,37	1,76534	-3,3536	0,000797684	0,00647708	yes
AN7162	ChrIV_A_nidulans_FGSC_A4:818305-819177	WT_5hasex	WT_veg	OK	12,061	79,9013	2,72787	-4,09452	4,23046E-05	0,000518318	yes
AN7164	ChrIV_A_nidulans_FGSC_A4:811513-814211	WT_5hasex	WT_veg	OK	4,292	21,3541	2,31479	-3,29107	0,000998063	0,00783881	yes
AN7165	ChrIV_A_nidulans_FGSC_A4:808449-810991	WT_5hasex	WT_veg	OK	40,9125	142,306	1,79838	-3,6145	0,00030093	0,00282757	yes
AN7172	ChrIV_A_nidulans_FGSC_A4:783358-786621	WT_5hasex	WT_veg	OK	6,40565	29,168	2,18697	-3,88471	0,000102452	0,00111918	yes
AN7173	ChrIV_A_nidulans_FGSC_A4:778930-781084	WT_5hasex	WT_veg	OK	206,061	684,33	1,73162	-3,30123	0,000962605	0,00760756	yes
AN7177	ChrIV_A_nidulans_FGSC_A4:767808-768838	WT_5hasex	WT_veg	OK	214,785	674,301	1,6505	-3,36	0,000779417	0,00634898	yes
AN7183	ChrIV_A_nidulans_FGSC_A4:753001-754115	WT_5hasex	WT_veg	OK	153,662	617,043	2,00561	-3,841	0,000122535	0,00131176	yes
AN7184	ChrIV_A_nidulans_FGSC_A4:750820-752111	WT_5hasex	WT_veg	OK	15,7052	46,8295	1,57618	-2,75763	0,00582227	0,0336791	yes
AN7188	ChrIV_A_nidulans_FGSC_A4:739468-742330	WT_5hasex	WT_veg	OK	18,8048	49,7408	1,40333	-2,70939	0,00674067	0,0380056	yes
AN7200	ChrIV_A_nidulans_FGSC_A4:700878-702590	WT_5hasex	WT_veg	OK	0,606272	21,4411	5,14427	-5,86902	4,38376E-09	1,36493E-07	yes
AN7205	ChrIV_A_nidulans_FGSC_A4:688812-690441	WT_5hasex	WT_veg	OK	32,4184	150,305	2,21301	-4,37338	1,22339E-05	0,000171872	yes
AN7211	ChrIV_A_nidulans_FGSC_A4:668299-669490	WT_5hasex	WT_veg	OK	66,5686	26,4903	-1,32938	2,6237	0,00869791	0,0466556	yes
AN7222	ChrIV_A_nidulans_FGSC_A4:630008-636437	WT_5hasex	WT_veg	OK	24,2642	96,0689	1,98524	-3,14223	0,00167668	0,0120523	yes
AN7225	ChrIV_A_nidulans_FGSC_A4:619554-621409	WT_5hasex	WT_veg	OK	99,2809	22,311	-2,15376	4,36286	1,28376E-05	0,000179343	yes
AN7233	ChrIV_A_nidulans_FGSC_A4:592961-593997	WT_5hasex	WT_veg	OK	37,865	8,50198	-2,155	3,59152	0,000328749	0,00304151	yes
AN7248	ChrIV_A_nidulans_FGSC_A4:544884-547816	WT_5hasex	WT_veg	OK	8,54662	40,7011	2,25164	-4,16961	0,000030512	0,000389214	yes
AN7252	ChrIV_A_nidulans_FGSC_A4:526908-528748	WT_5hasex	WT_veg	OK	16,0078	45,7669	1,51553	-2,8204	0,00479634	0,0287784	yes
AN7260	ChrIV_A_nidulans_FGSC_A4:509275-511336	WT_5hasex	WT_veg	OK	9,22572	63,1114	2,77417	-4,93857	7,86979E-07	1,48556E-05	yes
AN7278	ChrIV_A_nidulans_FGSC_A4:440157-441951	WT_5hasex	WT_veg	OK	100,501	21,9712	-2,19352	4,39358	0,00001115	0,000158256	yes
AN7293	ChrIV_A_nidulans_FGSC_A4:396000-397514	WT_5hasex	WT_veg	OK	40,9306	200,611	2,29315	-4,63012	3,65454E-06	5,84131E-05	yes
AN7303	ChrIV_A_nidulans_FGSC_A4:358225-361513	WT_5hasex	WT_veg	OK	10,6236	27,597	1,37724	-2,67033	0,00757777	0,0417594	yes
AN7304	ChrIV_A_nidulans_FGSC_A4:355734-357255	WT_5hasex	WT_veg	OK	35,2218	92,4268	1,39184	-2,82425	0,0047392	0,0285026	yes
AN7305	ChrIV_A_nidulans_FGSC_A4:354052-355372	WT_5hasex	WT_veg	OK	30,7089	82,5274	1,42622	-2,77969	0,00544111	0,0318291	yes
AN7332	ChrIV_A_nidulans_FGSC_A4:284406-286847	WT_5hasex	WT_veg	OK	15,4699	4,53317	-1,77088	3,21261	0,00131536	0,00984398	yes
AN7334	ChrIV_A_nidulans_FGSC_A4:274454-278164	WT_5hasex	WT_veg	OK	45,2523	154,42	1,7708	-3,66782	0,000244623	0,00237033	yes
AN7336	ChrIV_A_nidulans_FGSC_A4:267852-268314	WT_5hasex	WT_veg	OK	103,56	327,608	1,66151	-3,07106	0,00213298	0,0147379	yes
AN7341	ChrIV_A_nidulans_FGSC_A4:255159-257102	WT_5hasex	WT_veg	OK	239,718	791,941	1,72406	-3,33867	0,000841814	0,00678657	yes
AN7348	ChrIV_A_nidulans_FGSC_A4:221562-231126	WT_5hasex	WT_veg	OK	10,2274	30,6672	1,58425	-3,33135	0,000864245	0,00694817	yes
AN7350	ChrIV_A_nidulans_FGSC_A4:215002-217031	WT_5hasex	WT_veg	OK	33,693	98,3544	1,54554	-3,13285	0,00173116	0,0123827	yes
AN7357	ChrIV_A_nidulans_FGSC_A4:198051-198999	WT_5hasex	WT_veg	OK	29,2723	705,244	4,59052	-8,58821	0	0	yes
AN7358	ChrIV_A_nidulans_FGSC_A4:194393-196442	WT_5hasex	WT_veg	OK	10,5343	33,3656	1,66327	-2,98185	0,00286515	0,018791	yes
AN7360	ChrIV_A_nidulans_FGSC_A4:189108-190693	WT_5hasex	WT_veg	OK	26,4608	80,0642	1,5973	-3,08592	0,00202926	0,0141462	yes
AN7364	ChrIV_A_nidulans_FGSC_A4:173418-174759	WT_5hasex	WT_veg	OK	13,4534	53,0052	1,97816	-3,47268	0,000515284	0,0044662	yes
AN7365	ChrIV_A_nidulans_FGSC_A4:172365-173290	WT_5hasex	WT_veg	OK	40,2432	169,217	2,07206	-3,97965	6,90167E-05	0,000794337	yes
AN7374	ChrIV_A_nidulans_FGSC_A4:145048-145858	WT_5hasex	WT_veg	OK	77,6492	226,318	1,54331	-3,153	0,001616	0,0116947	yes
AN7378	ChrIV_A_nidulans_FGSC_A4:137120-137829	WT_5hasex	WT_veg	OK	34,5352	7,90144	-2,12788	3,06127	0,00220401	0,0151576	yes

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AN7390	ChrIV_A_nidulans_FGSC_A4:102557-104331	WT_5hasex	WT_veg	OK	24,9995	78,85	1,65721	-3,28188	0,00103117	0,00806256	yes
AN7397	ChrIV_A_nidulans_FGSC_A4:79909-82639	WT_5hasex	WT_veg	OK	4,59195	0,873969	-2,39345	2,80998	0,00495449	0,0295129	yes
AN7424	ChrIV_A_nidulans_FGSC_A4:1507093-1508811	WT_5hasex	WT_veg	OK	59,7676	201,24	1,75148	-3,56872	0,000358726	0,00327605	yes
AN7429	ChrIV_A_nidulans_FGSC_A4:1518962-1520343	WT_5hasex	WT_veg	OK	21,6955	92,17	2,0869	-3,89568	9,79254E-05	0,00107623	yes
AN7442	ChrIV_A_nidulans_FGSC_A4:1552633-1553813	WT_5hasex	WT_veg	OK	16,0199	48,8029	1,6071	-2,82039	0,00479651	0,0287784	yes
AN7451	ChrIV_A_nidulans_FGSC_A4:1581046-1584683	WT_5hasex	WT_veg	OK	72,2029	233,04	1,69045	-3,41609	0,000635282	0,00533666	yes
AN7458	ChrIV_A_nidulans_FGSC_A4:1606047-1607967	WT_5hasex	WT_veg	OK	18,4263	125,937	2,77286	-5,22963	1,6985E-07	3,74126E-06	yes
AN7460	ChrIV_A_nidulans_FGSC_A4:1610653-1611335	WT_5hasex	WT_veg	OK	81,4727	347,985	2,09464	-3,89107	9,98033E-05	0,00109412	yes
AN7461	ChrIV_A_nidulans_FGSC_A4:1611488-1612772	WT_5hasex	WT_veg	OK	37,7043	97,2491	1,36695	-2,72904	0,00635182	0,0362146	yes
AN7467	ChrIV_A_nidulans_FGSC_A4:1631978-1632909	WT_5hasex	WT_veg	OK	8,85603	35,8136	2,01577	-2,72279	0,00647326	0,0367749	yes
AN7470	ChrIV_A_nidulans_FGSC_A4:1638053-1642224	WT_5hasex	WT_veg	OK	265,657	1107,8	2,06007	-3,83054	0,000127863	0,00136047	yes
AN7474	ChrIV_A_nidulans_FGSC_A4:1648485-1652147	WT_5hasex	WT_veg	OK	29,1643	76,3819	1,38903	-2,92354	0,00346078	0,0220542	yes
AN7481	ChrIV_A_nidulans_FGSC_A4:1674994-1676702	WT_5hasex	WT_veg	OK	9,7357	28,4269	1,5459	-2,65061	0,00803457	0,0437613	yes
AN7501	ChrIV_A_nidulans_FGSC_A4:1739702-1741048	WT_5hasex	WT_veg	OK	169	837,973	2,30988	-4,74933	2,04093E-06	3,49964E-05	yes
AN7503	ChrIV_A_nidulans_FGSC_A4:1743613-1746122	WT_5hasex	WT_veg	OK	19,0734	62,7301	1,7176	-3,48569	0,000490876	0,00428215	yes
AN7517	ChrIV_A_nidulans_FGSC_A4:1806781-1808535	WT_5hasex	WT_veg	OK	130,227	419,962	1,68923	-3,2667	0,00108809	0,0084222	yes
AN7521	ChrIV_A_nidulans_FGSC_A4:1816345-1818028	WT_5hasex	WT_veg	OK	77,5662	0,482759	-7,32798	5,28667	1,24563E-07	2,82813E-06	yes
AN7524	ChrIV_A_nidulans_FGSC_A4:1831427-1834453	WT_5hasex	WT_veg	OK	40,4451	135,554	1,74483	-3,37941	0,00072641	0,00598042	yes
AN7526	ChrIV_A_nidulans_FGSC_A4:1835962-1837965	WT_5hasex	WT_veg	OK	14,0285	137,068	3,28846	-6,08115	1,19322E-09	4,15188E-08	yes
AN7530	ChrIV_A_nidulans_FGSC_A4:1850389-1851228	WT_5hasex	WT_veg	OK	27,9492	130,725	2,22566	-4,08307	4,44442E-05	0,000540865	yes
AN7537	ChrIV_A_nidulans_FGSC_A4:1872994-1874893	WT_5hasex	WT_veg	OK	26,7744	69,0128	1,36601	-2,69427	0,00705439	0,0393595	yes
AN7541	ChrIV_A_nidulans_FGSC_A4:1887063-1888121	WT_5hasex	WT_veg	OK	9,68698	36,7772	1,92469	-2,75781	0,00581906	0,0336679	yes
AN7549	ChrIV_A_nidulans_FGSC_A4:1918973-1920926	WT_5hasex	WT_veg	OK	25,0979	141,886	2,49909	-5,08774	3,62363E-07	7,4174E-06	yes
AN7554	ChrIV_A_nidulans_FGSC_A4:1941982-1944191	WT_5hasex	WT_veg	OK	20,7347	140,947	2,76504	-5,49296	3,9526E-08	0,000001004	yes
AN7555	ChrIV_A_nidulans_FGSC_A4:1944649-1945499	WT_5hasex	WT_veg	OK	22,4248	64,1473	1,51629	-2,66951	0,00759627	0,041835	yes
AN7558	ChrIV_A_nidulans_FGSC_A4:1952643-1953319	WT_5hasex	WT_veg	OK	340,54	1696,21	2,31642	-3,84945	0,000118385	0,00127253	yes
AN7569	ChrIV_A_nidulans_FGSC_A4:1976323-1977439	WT_5hasex	WT_veg	OK	28,6875	116,154	2,01755	-3,7815	0,000155886	0,00160605	yes
AN7571	ChrIV_A_nidulans_FGSC_A4:1981434-1984325	WT_5hasex	WT_veg	OK	18,6587	54,9871	1,55925	-3,1525	0,00161877	0,0117083	yes
AN7577	ChrIV_A_nidulans_FGSC_A4:2010828-2012779	WT_5hasex	WT_veg	OK	6,70454	40,3413	2,58905	-4,19251	2,75882E-05	0,00035564	yes
AN7583	ChrIV_A_nidulans_FGSC_A4:2035213-2038064	WT_5hasex	WT_veg	OK	41,2942	128,779	1,64089	-3,10236	0,00191987	0,0134841	yes
AN7588	ChrIV_A_nidulans_FGSC_A4:2053111-2054364	WT_5hasex	WT_veg	OK	188,272	1002,79	2,41313	-4,84619	1,25855E-06	2,25703E-05	yes
AN7590	ChrIV_A_nidulans_FGSC_A4:2065740-2066541	WT_5hasex	WT_veg	OK	617,895	1955,13	1,66183	-2,88795	0,00387765	0,0241765	yes
AN7604	ChrIV_A_nidulans_FGSC_A4:2110638-2114128	WT_5hasex	WT_veg	OK	48,4362	216,923	2,16302	-4,24904	2,14686E-05	0,000283804	yes
AN7605	ChrIV_A_nidulans_FGSC_A4:2114455-2115760	WT_5hasex	WT_veg	OK	10,7242	33,8857	1,65981	-2,69765	0,00698305	0,0390487	yes
AN7607	ChrIV_A_nidulans_FGSC_A4:2125944-2127342	WT_5hasex	WT_veg	OK	18,4652	54,3077	1,55635	-2,882	0,00395161	0,0245463	yes
AN7608	ChrIV_A_nidulans_FGSC_A4:2129343-2130499	WT_5hasex	WT_veg	OK	14,2448	46,2459	1,69889	-2,83705	0,00455328	0,0275967	yes
AN7609	ChrIV_A_nidulans_FGSC_A4:2131036-2135266	WT_5hasex	WT_veg	OK	16,777	87,3531	2,38037	-4,96143	6,99766E-07	1,33683E-05	yes
AN7617	ChrIV_A_nidulans_FGSC_A4:2154068-2154806	WT_5hasex	WT_veg	OK	101,917	374,562	1,87782	-3,81768	0,000134713	0,00142324	yes
AN7630	ChrIV_A_nidulans_FGSC_A4:2193853-2195531	WT_5hasex	WT_veg	OK	26,7155	116,91	2,12965	-4,27568	1,90555E-05	0,000255451	yes
AN7661	ChrIV_A_nidulans_FGSC_A4:2302033-2305283	WT_5hasex	WT_veg	OK	62,9047	179,59	1,51347	-3,11214	0,00185739	0,0131246	yes
AN7671	ChrIV_A_nidulans_FGSC_A4:2332975-2334255	WT_5hasex	WT_veg	OK	13,9299	44,156	1,66442	-2,63212	0,00848542	0,0457086	yes
AN7672	ChrIV_A_nidulans_FGSC_A4:2334526-2336250	WT_5hasex	WT_veg	OK	28,8741	121,777	2,07639	-4,12284	3,74234E-05	0,000465368	yes
AN7674	ChrIV_A_nidulans_FGSC_A4:2338343-2339321	WT_5hasex	WT_veg	OK	20,6089	163,788	2,9905	-4,87742	1,07483E-06	1,95635E-05	yes
AN7689	ChrIV_A_nidulans_FGSC_A4:2385977-2387405	WT_5hasex	WT_veg	OK	13,0847	42,2047	1,68952	-2,98202	0,00286353	0,018785	yes
AN7699	ChrIV_A_nidulans_FGSC_A4:2416122-2417685	WT_5hasex	WT_veg	OK	50,3968	160,41	1,67036	-3,41962	0,000627088	0,00528052	yes
AN7708	ChrIV_A_nidulans_FGSC_A4:2445025-2447630	WT_5hasex	WT_veg	OK	478,528	2228,36	2,21931	-4,14842	3,34784E-05	0,000421918	yes

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AN7712	ChrIV_A_nidulans_FGSC_A4:2453105-2454091	WT_5hasex	WT_veg	OK	251,244	1078,99	2,10252	-4,15565	3,24364E-05	0,000411306	yes
AN7724	ChrIV_A_nidulans_FGSC_A4:2483342-2483979	WT_5hasex	WT_veg	OK	128,059	753,81	2,5574	-5,30636	1,11835E-07	0,000002576	yes
AN7727	ChrIV_A_nidulans_FGSC_A4:2491875-2493909	WT_5hasex	WT_veg	OK	41,8415	180,15	2,10619	-4,14021	3,46988E-05	0,000435517	yes
AN7729	ChrIV_A_nidulans_FGSC_A4:2506580-2511471	WT_5hasex	WT_veg	OK	38,8854	107,787	1,47088	-3,01968	0,00253045	0,016987	yes
AN7749	ChrIV_A_nidulans_FGSC_A4:2582519-2584911	WT_5hasex	WT_veg	OK	60,7577	177,419	1,54602	-3,20952	0,00132955	0,00993597	yes
AN7755	ChrIV_A_nidulans_FGSC_A4:2603482-2604481	WT_5hasex	WT_veg	OK	30,0258	131,713	2,13313	-4,08491	4,40944E-05	0,000537107	yes
AN7756	ChrIV_A_nidulans_FGSC_A4:2604714-2606036	WT_5hasex	WT_veg	OK	1,45792	11,0304	2,91949	-3,58209	0,00034085	0,00313851	yes
AN7762	ChrIV_A_nidulans_FGSC_A4:2625539-2626916	WT_5hasex	WT_veg	OK	18,4404	75,7132	2,03767	-3,61644	0,000298678	0,00281094	yes
AN7771	ChrIV_A_nidulans_FGSC_A4:2650412-2651026	WT_5hasex	WT_veg	OK	219,629	619,753	1,49662	-3,01826	0,00254227	0,0170555	yes
AN7774	ChrIV_A_nidulans_FGSC_A4:2658568-2659880	WT_5hasex	WT_veg	OK	37,0996	7,71963	-2,2648	3,49539	0,000473362	0,00415496	yes
AN7776	ChrIV_A_nidulans_FGSC_A4:2664014-2665644	WT_5hasex	WT_veg	OK	9,71622	33,2341	1,7742	-2,86509	0,00416889	0,0256587	yes
AN7779	ChrIV_A_nidulans_FGSC_A4:2670465-2672265	WT_5hasex	WT_veg	OK	50,1336	127,292	1,34429	-2,68598	0,00723174	0,0401821	yes
AN7794	ChrIV_A_nidulans_FGSC_A4:2712885-2714263	WT_5hasex	WT_veg	OK	44,8171	146,935	1,71306	-3,11326	0,00185031	0,0130845	yes
AN7796	ChrIV_A_nidulans_FGSC_A4:2718415-2719515	WT_5hasex	WT_veg	OK	49,4984	13,1882	-1,90814	3,18831	0,00143106	0,0105576	yes
AN7799	ChrIV_A_nidulans_FGSC_A4:2723929-2724697	WT_5hasex	WT_veg	OK	39,5137	196,305	2,31268	-4,40625	1,05177E-05	0,000150382	yes
AN7826	ChrIV_A_nidulans_FGSC_A4:2791289-2792610	WT_5hasex	WT_veg	OK	12,8632	86,484	2,74918	-4,60931	4,04004E-06	6,38439E-05	yes
AN7832	ChrIV_A_nidulans_FGSC_A4:2807782-2809787	WT_5hasex	WT_veg	OK	8,62625	2,43635	-1,82401	2,67487	0,00747576	0,0412928	yes
AN7866	ChrII_A_nidulans_FGSC_A4:57941-59689	WT_5hasex	WT_veg	OK	6,42442	0,906768	-2,82476	2,80321	0,00505959	0,0300298	yes
AN7870	ChrII_A_nidulans_FGSC_A4:69377-70915	WT_5hasex	WT_veg	OK	8,53984	1,15274	-2,88914	2,96893	0,00298842	0,0194896	yes
AN7874	ChrII_A_nidulans_FGSC_A4:89354-90365	WT_5hasex	WT_veg	OK	2,40057	13,2392	2,46336	-3,10558	0,00189903	0,0133628	yes
AN7877	ChrII_A_nidulans_FGSC_A4:93314-94619	WT_5hasex	WT_veg	OK	34,2373	96,5443	1,49562	-2,97482	0,00293156	0,0191781	yes
AN7889	ChrII_A_nidulans_FGSC_A4:151697-154524	WT_5hasex	WT_veg	OK	44,5569	135,068	1,59996	-3,22974	0,00123904	0,00936374	yes
AN7891	ChrII_A_nidulans_FGSC_A4:156779-158388	WT_5hasex	WT_veg	OK	13,9495	0,732813	-4,25062	3,1502	0,00163158	0,0117847	yes
AN7898	ChrII_A_nidulans_FGSC_A4:175939-177310	WT_5hasex	WT_veg	OK	6,75941	0,312821	-4,43349	2,83193	0,00462676	0,0279451	yes
AN7913	ChrII_A_nidulans_FGSC_A4:219024-220864	WT_5hasex	WT_veg	OK	15,4699	45,7799	1,56525	-2,85402	0,00431695	0,0264241	yes
AN7919	ChrII_A_nidulans_FGSC_A4:232289-234920	WT_5hasex	WT_veg	OK	1,01504	4,67194	2,20249	-2,68845	0,00717842	0,0399397	yes
AN7939	ChrII_A_nidulans_FGSC_A4:277013-278511	WT_5hasex	WT_veg	OK	0,59358	5,55102	3,22524	-2,94788	0,00319965	0,0206259	yes
AN7944	ChrII_A_nidulans_FGSC_A4:291772-292867	WT_5hasex	WT_veg	OK	62,1706	544,499	3,13062	-6,10922	1,0012E-09	3,54238E-08	yes
AN7953	ChrII_A_nidulans_FGSC_A4:316179-317243	WT_5hasex	WT_veg	OK	4,41247	37,9779	3,1055	-4,05747	4,96068E-05	0,000594034	yes
AN7954	ChrII_A_nidulans_FGSC_A4:317490-318640	WT_5hasex	WT_veg	OK	0,78813	21,1459	4,7458	-4,66167	3,13652E-06	5,12184E-05	yes
AN7959	ChrII_A_nidulans_FGSC_A4:329446-330265	WT_5hasex	WT_veg	OK	7,0503	82,6055	3,55048	-4,53389	5,79071E-06	8,83134E-05	yes
AN7960	ChrII_A_nidulans_FGSC_A4:330642-331047	WT_5hasex	WT_veg	OK	18,5286	358,776	4,27526	-5,66015	1,51244E-08	4,20673E-07	yes
AN7968	ChrII_A_nidulans_FGSC_A4:347107-347787	WT_5hasex	WT_veg	OK	1,44097	11,7949	3,03305	-2,8935	0,00380972	0,0238561	yes
AN7971	ChrII_A_nidulans_FGSC_A4:357624-359930	WT_5hasex	WT_veg	OK	16,0937	51,6935	1,68348	-3,26914	0,00107875	0,00836469	yes
AN7989	ChrII_A_nidulans_FGSC_A4:421741-423187	WT_5hasex	WT_veg	OK	37,6574	244,897	2,70117	-5,5071	3,64788E-08	9,35207E-07	yes
AN7992	ChrII_A_nidulans_FGSC_A4:427960-428615	WT_5hasex	WT_veg	OK	1336,67	6630,47	2,31047	-3,74241	0,000182263	0,00184168	yes
AN7994	ChrII_A_nidulans_FGSC_A4:432458-434720	WT_5hasex	WT_veg	OK	13,2465	37,491	1,50093	-2,85262	0,00433598	0,0265237	yes
AN8000	ChrII_A_nidulans_FGSC_A4:453970-466058	WT_5hasex	WT_veg	OK	8,72299	21,0257	1,26926	-2,61779	0,00885004	0,0473321	yes
AN8010	ChrII_A_nidulans_FGSC_A4:489880-492602	WT_5hasex	WT_veg	OK	202,082	704,35	1,80135	-3,16362	0,00155822	0,0113442	yes
AN8018	ChrII_A_nidulans_FGSC_A4:514411-515988	WT_5hasex	WT_veg	OK	48,0143	147,202	1,61627	-3,20616	0,00134517	0,0100385	yes
AN8031	ChrII_A_nidulans_FGSC_A4:547886-550448	WT_5hasex	WT_veg	OK	20,9215	70,8587	1,75996	-3,61903	0,000295707	0,00278748	yes
AN8032	ChrII_A_nidulans_FGSC_A4:551775-552842	WT_5hasex	WT_veg	OK	227,526	718,61	1,65918	-3,37637	0,000734487	0,00603269	yes
AN8037	ChrII_A_nidulans_FGSC_A4:567037-568460	WT_5hasex	WT_veg	OK	41,9059	11,0049	-1,92901	3,03864	0,00237645	0,0161226	yes
AN8038	ChrII_A_nidulans_FGSC_A4:572419-574348	WT_5hasex	WT_veg	OK	49,2454	127,925	1,37724	-2,88209	0,00395042	0,0245447	yes
AN8050	ChrII_A_nidulans_FGSC_A4:602648-603277	WT_5hasex	WT_veg	OK	193,784	834,24	2,10601	-4,36928	1,24658E-05	0,000174661	yes
AN8058	ChrII_A_nidulans_FGSC_A4:625152-626499	WT_5hasex	WT_veg	OK	9,21662	60,9372	2,72501	-4,45851	8,25328E-06	0,000121315	yes

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AN8060	ChrII_A_nidulans_FGSC_A4:628576-629651	WT_5hasex	WT_veg	OK	26,1148	8,28031	-1,65711	2,76559	0,00568196	0,0330168	yes
AN8062	ChrII_A_nidulans_FGSC_A4:634160-635329	WT_5hasex	WT_veg	OK	10,0101	94,6123	3,24057	-5,28636	1,24775E-07	2,83172E-06	yes
AN8066	ChrII_A_nidulans_FGSC_A4:640466-642564	WT_5hasex	WT_veg	OK	9,83837	39,8727	2,01891	-3,40179	0,000669468	0,0055752	yes
AN8067	ChrII_A_nidulans_FGSC_A4:642976-645790	WT_5hasex	WT_veg	OK	29,8104	108,084	1,85826	-3,76328	0,000167701	0,00171304	yes
AN8068	ChrII_A_nidulans_FGSC_A4:646561-648587	WT_5hasex	WT_veg	OK	91,532	34,7298	-1,3981	2,7071	0,00678743	0,0382199	yes
AN8073	ChrII_A_nidulans_FGSC_A4:662220-664686	WT_5hasex	WT_veg	OK	22,7793	127,253	2,48191	-4,95539	7,21871E-07	1,37405E-05	yes
AN8075	ChrII_A_nidulans_FGSC_A4:669864-671759	WT_5hasex	WT_veg	OK	15,1657	54,2434	1,83864	-3,34864	0,000812106	0,00657946	yes
AN8095	ChrII_A_nidulans_FGSC_A4:733216-735110	WT_5hasex	WT_veg	OK	11,5669	85,5225	2,8863	-4,95233	7,33293E-07	1,39326E-05	yes
AN8098	ChrII_A_nidulans_FGSC_A4:748579-749523	WT_5hasex	WT_veg	OK	17,0197	108,203	2,66846	-4,30482	1,67118E-05	0,000228532	yes
AN8099	ChrII_A_nidulans_FGSC_A4:752073-753835	WT_5hasex	WT_veg	OK	41,8618	6,03208	-2,7949	4,30127	1,69819E-05	0,000231621	yes
AN8102	ChrII_A_nidulans_FGSC_A4:760631-762135	WT_5hasex	WT_veg	OK	99,3713	416,523	2,0675	-3,94346	8,03134E-05	0,000904877	yes
AN8117	ChrII_A_nidulans_FGSC_A4:805621-807249	WT_5hasex	WT_veg	OK	70,4708	219,967	1,64219	-3,43484	0,000592902	0,00503635	yes
AN8122	ChrII_A_nidulans_FGSC_A4:820216-821961	WT_5hasex	WT_veg	OK	107,526	749,618	2,80147	-4,79258	1,64647E-06	0,000028846	yes
AN8124	ChrII_A_nidulans_FGSC_A4:824404-826249	WT_5hasex	WT_veg	OK	72,9303	1332,9	4,1919	-6,73584	1,62983E-11	7,50495E-10	yes
AN8142	ChrII_A_nidulans_FGSC_A4:889426-890518	WT_5hasex	WT_veg	OK	1,52572	11,6615	2,93419	-3,48039	0,000500685	0,00435829	yes
AN8148	ChrII_A_nidulans_FGSC_A4:903351-904600	WT_5hasex	WT_veg	OK	5,23281	24,9944	2,25595	-2,91413	0,00356677	0,0225923	yes
AN8150	ChrII_A_nidulans_FGSC_A4:909758-917049	WT_5hasex	WT_veg	OK	5,71762	23,663	2,04914	-3,47239	0,000515839	0,00446941	yes
AN8155	ChrII_A_nidulans_FGSC_A4:937766-938854	WT_5hasex	WT_veg	OK	11,4572	42,2154	1,88152	-2,76569	0,0056802	0,0330103	yes
AN8159	ChrII_A_nidulans_FGSC_A4:963205-963962	WT_5hasex	WT_veg	OK	0,321225	10,4837	5,02842	-3,27181	0,00106862	0,00829103	yes
AN8163	ChrII_A_nidulans_FGSC_A4:975507-979040	WT_5hasex	WT_veg	OK	4,10226	16,3669	1,99629	-2,69927	0,00694922	0,0388928	yes
AN8164	ChrII_A_nidulans_FGSC_A4:975507-979040	WT_5hasex	WT_veg	OK	2,10407	7,7278	1,87687	-2,62663	0,00862357	0,0463384	yes
AN8169	ChrII_A_nidulans_FGSC_A4:996556-998638	WT_5hasex	WT_veg	OK	80,5861	328,273	2,02629	-3,7908	0,000150164	0,00155604	yes
AN8172	ChrII_A_nidulans_FGSC_A4:1005511-1007389	WT_5hasex	WT_veg	OK	61,3904	174,292	1,50542	-2,94671	0,00321179	0,0206914	yes
AN8175	ChrII_A_nidulans_FGSC_A4:1014676-1016416	WT_5hasex	WT_veg	OK	27,2096	76,9702	1,50019	-3,01373	0,00258061	0,0172597	yes
AN8180	ChrII_A_nidulans_FGSC_A4:1036785-1038668	WT_5hasex	WT_veg	OK	31,7095	98,4837	1,63497	-3,34998	0,000808173	0,00654963	yes
AN8183	ChrII_A_nidulans_FGSC_A4:1048882-1051839	WT_5hasex	WT_veg	OK	10,6666	54,6125	2,35613	-4,38604	1,15434E-05	0,000163045	yes
AN8188	ChrII_A_nidulans_FGSC_A4:1064985-1066257	WT_5hasex	WT_veg	OK	83,8268	246,963	1,55881	-3,1237	0,00178595	0,0127088	yes
AN8191	ChrII_A_nidulans_FGSC_A4:1076553-1077602	WT_5hasex	WT_veg	OK	41,4057	111,874	1,43397	-2,85144	0,00435219	0,0266088	yes
AN8195	ChrII_A_nidulans_FGSC_A4:1098265-1098715	WT_5hasex	WT_veg	OK	4,6843	71,9667	3,94142	-4,68641	2,7804E-06	4,59182E-05	yes
AN8200	ChrII_A_nidulans_FGSC_A4:1114497-1115325	WT_5hasex	WT_veg	OK	132,358	583,504	2,1403	-4,41427	0,000010135	0,000145785	yes
AN8202	ChrII_A_nidulans_FGSC_A4:1118593-1120496	WT_5hasex	WT_veg	OK	164,262	447,564	1,44609	-2,84022	0,0045082	0,0273868	yes
AN8207	ChrII_A_nidulans_FGSC_A4:1133990-1134726	WT_5hasex	WT_veg	OK	10,5598	59,5577	2,4957	-3,81194	0,000137878	0,00144878	yes
AN8224	ChrII_A_nidulans_FGSC_A4:1196220-1198507	WT_5hasex	WT_veg	OK	77,3139	194,08	1,32785	-2,72633	0,00640423	0,0364579	yes
AN8229	ChrII_A_nidulans_FGSC_A4:1206875-1208458	WT_5hasex	WT_veg	OK	117,823	333,855	1,50259	-2,9755	0,00292511	0,019141	yes
AN8231	ChrII_A_nidulans_FGSC_A4:1215638-1218013	WT_5hasex	WT_veg	OK	117,23	288,765	1,30055	-2,5978	0,0093824	0,0495322	yes
AN8239	ChrII_A_nidulans_FGSC_A4:1243683-1244686	WT_5hasex	WT_veg	OK	34,3354	142,806	2,05628	-3,97654	6,99239E-05	0,000803014	yes
AN8247	ChrII_A_nidulans_FGSC_A4:1265878-1266730	WT_5hasex	WT_veg	OK	17,2955	128,528	2,89361	-4,71892	2,37096E-06	3,98725E-05	yes
AN8248	ChrII_A_nidulans_FGSC_A4:1267861-1269483	WT_5hasex	WT_veg	OK	12,958	37,2058	1,52168	-2,6988	0,00695895	0,0389347	yes
AN8253	ChrII_A_nidulans_FGSC_A4:1288680-1290262	WT_5hasex	WT_veg	OK	18,7106	117,662	2,65272	-4,89833	9,66526E-07	1,77651E-05	yes
AN8264	ChrII_A_nidulans_FGSC_A4:1318874-1320468	WT_5hasex	WT_veg	OK	20,5812	95,2041	2,2097	-4,23843	2,25092E-05	0,00029614	yes
AN8268	ChrII_A_nidulans_FGSC_A4:1331426-1333127	WT_5hasex	WT_veg	OK	8,73158	31,9793	1,87282	-3,16521	0,00154973	0,0112932	yes
AN8272	ChrII_A_nidulans_FGSC_A4:1345230-1347449	WT_5hasex	WT_veg	OK	24,9011	102,361	2,03939	-4,0948	4,22525E-05	0,000517801	yes
AN8274	ChrII_A_nidulans_FGSC_A4:1350374-1352055	WT_5hasex	WT_veg	OK	564,186	2245,68	1,99291	-3,54671	0,000390076	0,00351639	yes
AN8278	ChrII_A_nidulans_FGSC_A4:1362286-1363338	WT_5hasex	WT_veg	OK	270,877	1328,54	2,29414	-4,52628	6,00321E-06	9,11826E-05	yes
AN8279	ChrII_A_nidulans_FGSC_A4:1364312-1366442	WT_5hasex	WT_veg	OK	53,3907	337,943	2,66212	-5,28945	1,22686E-07	0,000002794	yes
AN8284	ChrII_A_nidulans_FGSC_A4:1381987-1382935	WT_5hasex	WT_veg	OK	85,0849	267,515	1,65264	-3,39383	0,000689217	0,00571914	yes

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AN8293	ChrII_A_nidulans_FGSC_A4:1409117-1412511	WT_5hasex	WT_veg	OK	40,1821	99,918	1,31419	-2,72577	0,00641511	0,0365079	yes
AN8308	ChrV_A_nidulans_FGSC_A4:69779-70236	WT_5hasex	WT_veg	OK	285,408	12,347	-4,5308	7,1036	1,21547E-12	6,76148E-11	yes
AN8314	ChrV_A_nidulans_FGSC_A4:97877-102864	WT_5hasex	WT_veg	OK	30,0218	2,21908	-3,75798	7,10887	1,16995E-12	6,52906E-11	yes
AN8337	ChrV_A_nidulans_FGSC_A4:166227-167283	WT_5hasex	WT_veg	OK	83,3527	5,44774	-3,9355	6,04035	1,53777E-09	5,20558E-08	yes
AN8339	ChrV_A_nidulans_FGSC_A4:169721-171028	WT_5hasex	WT_veg	OK	497,699	2892,51	2,53897	-4,49821	6,85266E-06	0,000102715	yes
AN8345	ChrV_A_nidulans_FGSC_A4:186010-188539	WT_5hasex	WT_veg	OK	1,28799	5,80236	2,17152	-2,85392	0,00431829	0,0264292	yes
AN8365	ChrV_A_nidulans_FGSC_A4:235927-237935	WT_5hasex	WT_veg	OK	28,6118	4,36926	-2,71115	4,65215	3,28494E-06	0,000053382	yes
AN8366	ChrV_A_nidulans_FGSC_A4:243479-244811	WT_5hasex	WT_veg	OK	96,1474	18,0923	-2,40987	4,83952	1,30153E-06	2,32933E-05	yes
AN8368	ChrV_A_nidulans_FGSC_A4:255598-257324	WT_5hasex	WT_veg	OK	14,6628	43,5486	1,57047	-2,71523	0,00662292	0,0374667	yes
AN8372	ChrV_A_nidulans_FGSC_A4:274911-276173	WT_5hasex	WT_veg	OK	1,28949	9,59462	2,89542	-2,9901	0,00278885	0,0183918	yes
AN8374	ChrV_A_nidulans_FGSC_A4:278314-281501	WT_5hasex	WT_veg	OK	6,08984	0,4462	-3,77064	3,35146	0,00080387	0,00651979	yes
AN8391	ChrV_A_nidulans_FGSC_A4:338955-340897	WT_5hasex	WT_veg	OK	5,20717	29,3771	2,49612	-3,80322	0,000142826	0,00149091	yes
AN8399	ChrV_A_nidulans_FGSC_A4:361087-364883	WT_5hasex	WT_veg	OK	15,9044	1,79388	-3,14827	5,57445	2,48309E-08	6,60166E-07	yes
AN8402	ChrV_A_nidulans_FGSC_A4:373515-374142	WT_5hasex	WT_veg	OK	18,0403	71,7653	1,99206	-3,10849	0,00188048	0,0132519	yes
AN8403	ChrV_A_nidulans_FGSC_A4:374555-375556	WT_5hasex	WT_veg	OK	2,84947	17,8591	2,6479	-3,37684	0,000733238	0,00602716	yes
AN8454	ChrV_A_nidulans_FGSC_A4:538053-540419	WT_5hasex	WT_veg	OK	25,5067	88,2333	1,79045	-2,99917	0,00270719	0,0179345	yes
AN8455	ChrV_A_nidulans_FGSC_A4:541023-543575	WT_5hasex	WT_veg	OK	14,7352	40,1506	1,44615	-2,73202	0,00629469	0,0359318	yes
AN8457	ChrV_A_nidulans_FGSC_A4:547968-551571	WT_5hasex	WT_veg	OK	5,53535	21,2011	1,93739	-3,10028	0,0019334	0,0135701	yes
AN8459	ChrV_A_nidulans_FGSC_A4:555756-557548	WT_5hasex	WT_veg	OK	20,258	0,560254	-5,17626	3,702	0,000213908	0,00211096	yes
AN8461	ChrV_A_nidulans_FGSC_A4:560956-562287	WT_5hasex	WT_veg	OK	554,285	1815,62	1,71176	-3,02271	0,00250523	0,0168306	yes
AN8479	ChrV_A_nidulans_FGSC_A4:612860-615622	WT_5hasex	WT_veg	OK	2,80181	10,6707	1,92922	-2,99703	0,00272625	0,018038	yes
AN8491	ChrV_A_nidulans_FGSC_A4:671075-671949	WT_5hasex	WT_veg	OK	41,2094	167,052	2,01926	-3,71103	0,000206419	0,00204786	yes
AN8495	ChrV_A_nidulans_FGSC_A4:681211-684024	WT_5hasex	WT_veg	OK	40,1077	207,438	2,37073	-4,75027	2,0314E-06	3,48672E-05	yes
AN8500	ChrV_A_nidulans_FGSC_A4:693299-694142	WT_5hasex	WT_veg	OK	106,069	386,804	1,86661	-3,87489	0,000106673	0,00116118	yes
AN8503	ChrV_A_nidulans_FGSC_A4:701815-702416	WT_5hasex	WT_veg	OK	21,0834	115,389	2,45232	-3,65558	0,000256601	0,00247222	yes
AN8525	ChrV_A_nidulans_FGSC_A4:757321-758883	WT_5hasex	WT_veg	OK	23,3439	5,70236	-2,03342	3,3371	0,00084659	0,00681983	yes
AN8528	ChrV_A_nidulans_FGSC_A4:766958-768369	WT_5hasex	WT_veg	OK	28,9986	98,5713	1,76519	-3,30174	0,000960868	0,00759906	yes
AN8531	ChrV_A_nidulans_FGSC_A4:772832-773799	WT_5hasex	WT_veg	OK	21,3643	66,4259	1,63655	-2,83735	0,004549	0,0275803	yes
AN8533	ChrV_A_nidulans_FGSC_A4:776508-777630	WT_5hasex	WT_veg	OK	8,84391	41,3446	2,22494	-3,11782	0,00182195	0,0129036	yes
AN8536	ChrV_A_nidulans_FGSC_A4:788894-790551	WT_5hasex	WT_veg	OK	27,128	92,8591	1,77526	-3,20486	0,00135126	0,0100767	yes
AN8537	ChrV_A_nidulans_FGSC_A4:791416-793502	WT_5hasex	WT_veg	OK	80,0299	29,5247	-1,43862	2,94506	0,0032289	0,0207863	yes
AN8544	ChrV_A_nidulans_FGSC_A4:816827-818612	WT_5hasex	WT_veg	OK	109,375	20,2664	-2,43211	4,90171	9,50038E-07	0,000017511	yes
AN8545	ChrV_A_nidulans_FGSC_A4:819218-822684	WT_5hasex	WT_veg	OK	3,09879	15,5222	2,32456	-3,63974	0,000272908	0,0026013	yes
AN8546	ChrV_A_nidulans_FGSC_A4:823384-827231	WT_5hasex	WT_veg	OK	19,1862	60,8003	1,66401	-3,14908	0,00163788	0,0118253	yes
AN8567	ChrV_A_nidulans_FGSC_A4:892535-894024	WT_5hasex	WT_veg	OK	151,655	413,519	1,44716	-2,96197	0,00305681	0,0198541	yes
AN8587	ChrIII_A_nidulans_FGSC_A4:3439386-3440589	WT_5hasex	WT_veg	OK	16,072	3,69914	-2,11929	2,88249	0,00394543	0,0245195	yes
AN8591	ChrIII_A_nidulans_FGSC_A4:3426182-3430148	WT_5hasex	WT_veg	OK	162,979	610,577	1,90549	-3,82933	0,00012849	0,00136658	yes
AN8611	ChrIII_A_nidulans_FGSC_A4:3373594-3374681	WT_5hasex	WT_veg	OK	46,2964	147,875	1,67541	-2,6848	0,00725721	0,0403023	yes
AN8621	ChrIII_A_nidulans_FGSC_A4:3342363-3345010	WT_5hasex	WT_veg	OK	5,2032	122,55	4,44657	-7,0458	1,84408E-12	9,90097E-11	yes
AN8627	ChrIII_A_nidulans_FGSC_A4:3327538-3328904	WT_5hasex	WT_veg	OK	99,9668	277,567	1,47331	-2,85507	0,00430269	0,0263461	yes
AN8636	ChrIII_A_nidulans_FGSC_A4:3302048-3304323	WT_5hasex	WT_veg	OK	95,2335	602,095	2,66045	-4,76796	1,86097E-06	3,21844E-05	yes
AN8639	ChrIII_A_nidulans_FGSC_A4:3292551-3294114	WT_5hasex	WT_veg	OK	64,3841	429,456	2,73773	-5,67633	1,37616E-08	3,8646E-07	yes
AN8640	ChrIII_A_nidulans_FGSC_A4:3291433-3291935	WT_5hasex	WT_veg	OK	80,9463	452,077	2,48153	-4,70738	2,50921E-06	4,19284E-05	yes
AN8641	ChrIII_A_nidulans_FGSC_A4:3290648-3291265	WT_5hasex	WT_veg	OK	1243,68	6642,67	2,41715	-4,28354	1,83943E-05	0,000248506	yes
AN8643	ChrIII_A_nidulans_FGSC_A4:3287480-3288765	WT_5hasex	WT_veg	OK	17,0577	51,1922	1,5855	-2,89027	0,00384908	0,0240376	yes
AN8648	ChrIII_A_nidulans_FGSC_A4:3261188-3266227	WT_5hasex	WT_veg	OK	2,53764	12,1556	2,26006	-3,77103	0,000162578	0,00166819	yes

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AN8660	ChrIII_A_nidulans_FGSC_A4:3225084-3227083	WT_5hasex	WT_veg	OK	20,9645	66,2346	1,65964	-3,03234	0,00242663	0,0164014	yes
AN8664	ChrIII_A_nidulans_FGSC_A4:3212148-3213335	WT_5hasex	WT_veg	OK	417,377	1113,74	1,41598	-2,60267	0,00924998	0,0489663	yes
AN8668	ChrIII_A_nidulans_FGSC_A4:3189624-3190970	WT_5hasex	WT_veg	OK	32,1268	132,939	2,04891	-3,99631	6,43371E-05	0,000747537	yes
AN8679	ChrIII_A_nidulans_FGSC_A4:3138377-3139618	WT_5hasex	WT_veg	OK	67,6549	237,77	1,8133	-3,63462	0,00027839	0,00264662	yes
AN8682	ChrIII_A_nidulans_FGSC_A4:3132554-3133796	WT_5hasex	WT_veg	OK	14,9127	46,2105	1,63167	-2,86779	0,00413354	0,02548	yes
AN8690	ChrIII_A_nidulans_FGSC_A4:3116168-3117028	WT_5hasex	WT_veg	OK	171,15	423,152	1,30591	-2,7049	0,00683259	0,0383917	yes
AN8691	ChrIII_A_nidulans_FGSC_A4:3113089-3116051	WT_5hasex	WT_veg	OK	6,67442	20,3485	1,60821	-2,85113	0,00435646	0,0266224	yes
AN8713	ChrIII_A_nidulans_FGSC_A4:3047459-3050758	WT_5hasex	WT_veg	OK	30,1226	102,29	1,76374	-3,66696	0,00024545	0,00237658	yes
AN8714	ChrIII_A_nidulans_FGSC_A4:3046834-3047230	WT_5hasex	WT_veg	OK	390,399	2486,64	2,67117	-5,52424	3,30915E-08	8,55481E-07	yes
AN8718	ChrIII_A_nidulans_FGSC_A4:3028358-3031194	WT_5hasex	WT_veg	OK	76,4191	253,591	1,7305	-3,50113	0,000463296	0,00408165	yes
AN8720	ChrIII_A_nidulans_FGSC_A4:3026055-3027077	WT_5hasex	WT_veg	OK	129,72	442,366	1,76984	-3,50569	0,000455425	0,00402245	yes
AN8733	ChrIII_A_nidulans_FGSC_A4:2993414-2994535	WT_5hasex	WT_veg	OK	1,43304	35,0303	4,61146	-5,69059	1,26599E-08	3,58402E-07	yes
AN8741	ChrIII_A_nidulans_FGSC_A4:2957664-2958685	WT_5hasex	WT_veg	OK	10,7283	45,1803	2,07428	-3,34485	0,000823278	0,00665454	yes
AN8743	ChrIII_A_nidulans_FGSC_A4:2948047-2951759	WT_5hasex	WT_veg	OK	22,052	55,4404	1,33002	-2,66514	0,00769574	0,0422584	yes
AN8750	ChrIII_A_nidulans_FGSC_A4:2930469-2931066	WT_5hasex	WT_veg	OK	341,09	858,842	1,33224	-2,67877	0,00738922	0,0408837	yes
AN8752	ChrIII_A_nidulans_FGSC_A4:2926118-2926795	WT_5hasex	WT_veg	OK	30,9618	105,263	1,76543	-2,78555	0,00534371	0,0313539	yes
AN8770	ChrIII_A_nidulans_FGSC_A4:2873118-2876168	WT_5hasex	WT_veg	OK	73,0461	222,958	1,60989	-3,24335	0,00118135	0,00901352	yes
AN8772	ChrIII_A_nidulans_FGSC_A4:2858385-2859557	WT_5hasex	WT_veg	OK	23,7502	100,915	2,08713	-3,73347	0,000188862	0,00189732	yes
AN8774	ChrIII_A_nidulans_FGSC_A4:2849632-2851295	WT_5hasex	WT_veg	OK	9,16079	56,6332	2,6281	-4,30934	0,000016374	0,000224498	yes
AN8779	ChrIII_A_nidulans_FGSC_A4:2828679-2833021	WT_5hasex	WT_veg	OK	0,189746	6,34872	5,06433	-6,06525	1,31747E-09	4,53006E-08	yes
AN8781	ChrIII_A_nidulans_FGSC_A4:2822837-2823771	WT_5hasex	WT_veg	OK	917,638	5322,37	2,53607	-3,31169	0,000927341	0,00737867	yes
AN8785	ChrIII_A_nidulans_FGSC_A4:2809000-2811384	WT_5hasex	WT_veg	OK	42,3268	148,501	1,81083	-3,78303	0,000154931	0,00159848	yes
AN8786	ChrIII_A_nidulans_FGSC_A4:2806644-2808430	WT_5hasex	WT_veg	OK	10,8064	34,7098	1,68345	-2,81795	0,00483312	0,0289446	yes
AN8787	ChrIII_A_nidulans_FGSC_A4:2802223-2805732	WT_5hasex	WT_veg	OK	23,9819	61,0945	1,3491	-2,8106	0,00494492	0,0294693	yes
AN8794	ChrIII_A_nidulans_FGSC_A4:2785064-2785975	WT_5hasex	WT_veg	OK	50,3434	149,244	1,5678	-3,05493	0,0022511	0,0154179	yes
AN8799	ChrIII_A_nidulans_FGSC_A4:2770452-2772054	WT_5hasex	WT_veg	OK	8,08099	38,895	2,26698	-3,70739	0,00020941	0,00207334	yes
AN8802	ChrIII_A_nidulans_FGSC_A4:2763522-2764796	WT_5hasex	WT_veg	OK	7,38481	0	-1.79769e+308	-1.79769e+308	0,0057383	0,0332962	yes
AN8804	ChrIII_A_nidulans_FGSC_A4:2758048-2758894	WT_5hasex	WT_veg	OK	33,2663	105,938	1,67109	-3,15288	0,00161668	0,0116972	yes
AN8805	ChrIII_A_nidulans_FGSC_A4:2756174-2756919	WT_5hasex	WT_veg	OK	38,0047	181,686	2,2572	-4,1256	3,69775E-05	0,000460596	yes
AN8812	ChrIII_A_nidulans_FGSC_A4:2734962-2740767	WT_5hasex	WT_veg	OK	5,70783	18,8554	1,72396	-3,10213	0,00192134	0,0134926	yes
AN8819	ChrIII_A_nidulans_FGSC_A4:2707980-2709094	WT_5hasex	WT_veg	OK	22,725	95,1987	2,06666	-3,71463	0,000203502	0,00202429	yes
AN8825	ChrIII_A_nidulans_FGSC_A4:2682030-2685197	WT_5hasex	WT_veg	OK	3,61888	19,5907	2,43655	-4,02291	5,74847E-05	0,000676164	yes
AN8834	ChrIII_A_nidulans_FGSC_A4:2651751-2653059	WT_5hasex	WT_veg	OK	12,3841	138,127	3,47943	-5,88598	3,95701E-09	1,24388E-07	yes
AN8840	ChrIII_A_nidulans_FGSC_A4:2624867-2626250	WT_5hasex	WT_veg	OK	0,785442	9,96736	3,66564	-2,95083	0,00316922	0,0204574	yes
AN8844	ChrIII_A_nidulans_FGSC_A4:2613194-2613734	WT_5hasex	WT_veg	OK	246,586	630,67	1,35479	-2,80248	0,00507113	0,0300812	yes
AN8855	ChrIII_A_nidulans_FGSC_A4:2586846-2587742	WT_5hasex	WT_veg	OK	16,5666	101,004	2,60806	-4,45073	8,55804E-06	0,000125233	yes
AN8860	ChrIII_A_nidulans_FGSC_A4:2573594-2575297	WT_5hasex	WT_veg	OK	51,0716	138,395	1,43819	-2,67082	0,00756653	0,0417238	yes
AN8863	ChrIII_A_nidulans_FGSC_A4:2565633-2567644	WT_5hasex	WT_veg	OK	409,038	1824,48	2,15718	-3,7911	0,00014998	0,00155444	yes
AN8871	ChrVII_A_nidulans_FGSC_A4:605090-607137	WT_5hasex	WT_veg	OK	11,0449	54,8126	2,31113	-4,23374	2,29832E-05	0,000301469	yes
AN8874	ChrVII_A_nidulans_FGSC_A4:593499-596360	WT_5hasex	WT_veg	OK	76,8234	192,96	1,32868	-2,69389	0,00706241	0,039379	yes
AN8876	ChrVII_A_nidulans_FGSC_A4:589180-591623	WT_5hasex	WT_veg	OK	17,2357	82,4331	2,25783	-4,49234	7,04463E-06	0,000105442	yes
AN8888	ChrVII_A_nidulans_FGSC_A4:548177-548707	WT_5hasex	WT_veg	OK	29,0445	118,137	2,02412	-3,46294	0,000534316	0,00460362	yes
AN8890	ChrVII_A_nidulans_FGSC_A4:542215-543510	WT_5hasex	WT_veg	OK	16,9477	1,49167	-3,50609	3,69242	0,000222133	0,00218068	yes
AN8892	ChrVII_A_nidulans_FGSC_A4:533261-537973	WT_5hasex	WT_veg	OK	11,7261	31,3125	1,41701	-2,82039	0,00479658	0,0287784	yes
AN8894	ChrVII_A_nidulans_FGSC_A4:528278-530658	WT_5hasex	WT_veg	OK	17,2759	6,28894	-1,45787	2,73924	0,00615819	0,0352742	yes
AN8896	ChrVII_A_nidulans_FGSC_A4:522449-523594	WT_5hasex	WT_veg	OK	19,1534	5,0844	-1,91345	2,89514	0,00378993	0,0237588	yes

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AN8910	ChrVII_A_nidulans_FGSC_A4:481319-489055	WT_5hasex	WT_veg	OK	5,96852	19,983	1,74333	-3,55629	0,000376124	0,00340833	yes
AN8914	ChrVII_A_nidulans_FGSC_A4:467392-469493	WT_5hasex	WT_veg	OK	1,12362	6,80787	2,59905	-3,03222	0,00242762	0,016406	yes
AN8930	ChrVII_A_nidulans_FGSC_A4:395154-397650	WT_5hasex	WT_veg	OK	10,2957	77,5241	2,9126	-5,34654	8,96523E-08	2,11239E-06	yes
AN8939	ChrVII_A_nidulans_FGSC_A4:376169-377375	WT_5hasex	WT_veg	OK	3,45146	19,6835	2,5117	-3,50843	0,000450752	0,00398655	yes
AN8955	ChrVII_A_nidulans_FGSC_A4:306361-308105	WT_5hasex	WT_veg	OK	1,40672	8,72712	2,63317	-2,76198	0,00574526	0,0333256	yes
AN8956	ChrVII_A_nidulans_FGSC_A4:303030-304902	WT_5hasex	WT_veg	OK	0,407641	4,20245	3,36586	-3,80418	0,000142274	0,00148663	yes
AN8959	ChrVII_A_nidulans_FGSC_A4:292526-293164	WT_5hasex	WT_veg	OK	176,38	589,261	1,74022	-3,57733	0,000347125	0,00318587	yes
AN8962	ChrVII_A_nidulans_FGSC_A4:283390-284080	WT_5hasex	WT_veg	OK	2,89286	26,6153	3,20169	-4,06004	4,90636E-05	0,000588606	yes
AN8968	ChrVII_A_nidulans_FGSC_A4:264168-265260	WT_5hasex	WT_veg	OK	17,8574	53,2905	1,57736	-2,6398	0,00829539	0,0448601	yes
AN8972	ChrVII_A_nidulans_FGSC_A4:252140-254065	WT_5hasex	WT_veg	OK	3,50516	37,1568	3,40608	-5,07766	3,82109E-07	7,77906E-06	yes
AN8974	ChrVII_A_nidulans_FGSC_A4:245681-246975	WT_5hasex	WT_veg	OK	49,2473	161,854	1,71658	-3,06301	0,00219123	0,0150847	yes
AN8975	ChrVII_A_nidulans_FGSC_A4:243327-244279	WT_5hasex	WT_veg	OK	10,6485	80,4474	2,9174	-4,68029	2,86467E-06	4,71613E-05	yes
AN8983	ChrVII_A_nidulans_FGSC_A4:222602-224668	WT_5hasex	WT_veg	OK	122,092	947,679	2,95643	-4,37329	0,000012239	0,000171898	yes
AN8986	ChrVII_A_nidulans_FGSC_A4:215467-216779	WT_5hasex	WT_veg	OK	7,87682	0,653575	-3,59119	2,62303	0,00871525	0,0467304	yes
AN8988	ChrVII_A_nidulans_FGSC_A4:209201-210298	WT_5hasex	WT_veg	OK	15,161	51,8847	1,77494	-2,99627	0,00273308	0,0180764	yes
AN9004	ChrVII_A_nidulans_FGSC_A4:161719-163663	WT_5hasex	WT_veg	OK	44,6736	6,62868	-2,75263	4,45706	8,3091E-06	0,000121896	yes
AN9005	ChrVII_A_nidulans_FGSC_A4:152385-160547	WT_5hasex	WT_veg	OK	0,496982	4,36502	3,13472	-4,13723	3,51517E-05	0,000440464	yes
AN9006	ChrVII_A_nidulans_FGSC_A4:151065-151647	WT_5hasex	WT_veg	OK	0,467779	20,7339	5,47002	-2,84102	0,00449702	0,0273379	yes
AN9021	ChrVII_A_nidulans_FGSC_A4:112516-115618	WT_5hasex	WT_veg	OK	9,26494	25,7212	1,47311	-2,78691	0,00532137	0,0312682	yes
AN9022	ChrVII_A_nidulans_FGSC_A4:110676-111329	WT_5hasex	WT_veg	OK	12,3514	69,6583	2,49561	-3,80424	0,000142241	0,00148658	yes
AN9023	ChrVII_A_nidulans_FGSC_A4:108394-110297	WT_5hasex	WT_veg	OK	6,86175	70,7538	3,36616	-5,36185	8,23726E-08	1,95848E-06	yes
AN9024	ChrVII_A_nidulans_FGSC_A4:107205-108194	WT_5hasex	WT_veg	OK	6,71743	34,9355	2,37871	-3,5077	0,000452002	0,00399491	yes
AN9028	ChrVII_A_nidulans_FGSC_A4:92995-94126	WT_5hasex	WT_veg	OK	0,59392	4,54519	2,936	-2,97209	0,00295783	0,019319	yes
AN9037	ChrVII_A_nidulans_FGSC_A4:67512-70705	WT_5hasex	WT_veg	OK	3,04161	16,4328	2,43367	-3,91161	9,16847E-05	0,00101746	yes
AN9038	ChrVII_A_nidulans_FGSC_A4:65983-67407	WT_5hasex	WT_veg	OK	2,08378	9,07533	2,12275	-2,83726	0,0045502	0,0275844	yes
AN9049	ChrVII_A_nidulans_FGSC_A4:37547-38783	WT_5hasex	WT_veg	OK	17,6354	48,4959	1,45939	-2,60312	0,00923793	0,0489218	yes
AN9069	ChrVI_A_nidulans_FGSC_A4:533027-534941	WT_5hasex	WT_veg	OK	65,7908	189,334	1,52497	-2,82326	0,00475384	0,0285808	yes
AN9071	ChrVI_A_nidulans_FGSC_A4:523236-525641	WT_5hasex	WT_veg	OK	70,1887	168,758	1,26565	-2,60894	0,0090823	0,0482786	yes
AN9074	ChrVI_A_nidulans_FGSC_A4:518618-519361	WT_5hasex	WT_veg	OK	33,2747	257,925	2,95445	-5,34908	8,84038E-08	2,08485E-06	yes
AN9077	ChrVI_A_nidulans_FGSC_A4:502353-507602	WT_5hasex	WT_veg	OK	12,1445	37,1593	1,61342	-3,31997	0,000900286	0,00719597	yes
AN9100	ChrVI_A_nidulans_FGSC_A4:430796-432438	WT_5hasex	WT_veg	OK	64,8003	347,477	2,42284	-5,06325	4,12172E-07	8,32318E-06	yes
AN9102	ChrVI_A_nidulans_FGSC_A4:427003-428251	WT_5hasex	WT_veg	OK	13,086	74,2132	2,50365	-4,15412	3,26543E-05	0,000413521	yes
AN9105	ChrVI_A_nidulans_FGSC_A4:417169-419452	WT_5hasex	WT_veg	OK	27,9838	90,1014	1,68696	-3,37949	0,000726216	0,00597976	yes
AN9106	ChrVI_A_nidulans_FGSC_A4:415179-417004	WT_5hasex	WT_veg	OK	11,2656	60,1215	2,41596	-4,06874	4,72691E-05	0,000569817	yes
AN9108	ChrVI_A_nidulans_FGSC_A4:410625-412337	WT_5hasex	WT_veg	OK	67,2837	10,4364	-2,68863	4,423	9,73387E-06	0,000140633	yes
AN9123	ChrVI_A_nidulans_FGSC_A4:372394-372874	WT_5hasex	WT_veg	OK	84,4895	274,982	1,70249	-3,15758	0,00159086	0,0115388	yes
AN9124	ChrVI_A_nidulans_FGSC_A4:369756-371860	WT_5hasex	WT_veg	OK	166,601	611,598	1,87619	-3,67283	0,000239875	0,00232906	yes
AN9125	ChrVI_A_nidulans_FGSC_A4:368266-369600	WT_5hasex	WT_veg	OK	15,708	96,9779	2,62616	-4,63412	3,58452E-06	5,75124E-05	yes
AN9128	ChrVI_A_nidulans_FGSC_A4:362119-363272	WT_5hasex	WT_veg	OK	7,17569	0	-1.79769e+308	-1.79769e+308	0,00943039	0,0497404	yes
AN9129	ChrVI_A_nidulans_FGSC_A4:357610-360977	WT_5hasex	WT_veg	OK	3,79577	0	-1.79769e+308	-1.79769e+308	0,00501028	0,0297861	yes
AN9142	ChrVI_A_nidulans_FGSC_A4:319468-320455	WT_5hasex	WT_veg	OK	38,3772	147,319	1,94062	-3,18814	0,00143193	0,0105607	yes
AN9162	ChrVI_A_nidulans_FGSC_A4:238205-239816	WT_5hasex	WT_veg	OK	3,65572	14,8446	2,02172	-2,78428	0,0053646	0,0314423	yes
AN9163	ChrVI_A_nidulans_FGSC_A4:236244-237223	WT_5hasex	WT_veg	OK	287,543	1333,04	2,21287	-4,21836	2,46087E-05	0,000320463	yes
AN9167	ChrVI_A_nidulans_FGSC_A4:226010-227087	WT_5hasex	WT_veg	OK	10,1302	66,8099	2,7214	-4,43396	9,25182E-06	0,000134335	yes
AN9179	ChrVI_A_nidulans_FGSC_A4:181029-182130	WT_5hasex	WT_veg	OK	24,5531	95,7197	1,96291	-3,39886	0,000676663	0,00562744	yes
AN9180	ChrVI_A_nidulans_FGSC_A4:178807-180745	WT_5hasex	WT_veg	OK	129	818,859	2,66625	-4,77272	1,81755E-06	3,15062E-05	yes

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AN9185	ChrVI_A_nidulans_FGSC_A4:166688-167294	WT_5hasex	WT_veg	OK	7,22644	32,142	2,15311	-2,83277	0,00461469	0,0278914	yes
AN9186	ChrVI_A_nidulans_FGSC_A4:164092-166004	WT_5hasex	WT_veg	OK	68,7214	379,829	2,46652	-3,9747	7,04674E-05	0,000808547	yes
AN9191	ChrVI_A_nidulans_FGSC_A4:154949-156549	WT_5hasex	WT_veg	OK	34,3917	127,287	1,88795	-3,81703	0,000135068	0,00142584	yes
AN9192	ChrVI_A_nidulans_FGSC_A4:153304-154774	WT_5hasex	WT_veg	OK	28,5478	115,683	2,01873	-3,91386	9,08318E-05	0,00100949	yes
AN9195	ChrVI_A_nidulans_FGSC_A4:145846-146917	WT_5hasex	WT_veg	OK	0,908052	10,363	3,51252	-3,91746	8,94866E-05	0,000996659	yes
AN9204	ChrVI_A_nidulans_FGSC_A4:111671-112265	WT_5hasex	WT_veg	OK	12,1117	70,0636	2,53226	-3,52923	0,000416767	0,00372178	yes
AN9207	ChrVI_A_nidulans_FGSC_A4:105697-106729	WT_5hasex	WT_veg	OK	7,76699	0	-1.79769e+308	-1.79769e+308	0,00948601	0,0499734	yes
AN9213	ChrVI_A_nidulans_FGSC_A4:85182-87901	WT_5hasex	WT_veg	OK	2,6659	0	-1.79769e+308	-1.79769e+308	0,00856841	0,046094	yes
AN9240	ChrVIII_A_nidulans_FGSC_A4:14516-15575	WT_5hasex	WT_veg	OK	20,7679	4,21626	-2,30032	2,65316	0,00797414	0,0434593	yes
AN9262	ChrVIII_A_nidulans_FGSC_A4:98952-101493	WT_5hasex	WT_veg	OK	2,22316	12,7087	2,51513	-3,52837	0,000418129	0,00373267	yes
AN9265	ChrVIII_A_nidulans_FGSC_A4:113099-114503	WT_5hasex	WT_veg	OK	9,22828	0,724873	-3,67026	3,12207	0,00179582	0,0127582	yes
AN9284	ChrVIII_A_nidulans_FGSC_A4:173142-173957	WT_5hasex	WT_veg	OK	2,58711	23,6289	3,19114	-3,91229	0,000091424	0,00101543	yes
AN9285	ChrVIII_A_nidulans_FGSC_A4:174086-174641	WT_5hasex	WT_veg	OK	5284,79	28493,6	2,43072	-2,8656	0,00416226	0,0256299	yes
AN9288	ChrVIII_A_nidulans_FGSC_A4:180565-181833	WT_5hasex	WT_veg	OK	5,28782	24,1041	2,18853	-2,84067	0,00450191	0,0273581	yes
AN9293	ChrVIII_A_nidulans_FGSC_A4:195165-197081	WT_5hasex	WT_veg	OK	6,55542	22,2201	1,76111	-2,83962	0,00451671	0,0274321	yes
AN9294	ChrVIII_A_nidulans_FGSC_A4:197910-199597	WT_5hasex	WT_veg	OK	15,2625	53,206	1,8016	-3,09328	0,00197959	0,0138645	yes
AN9295	ChrVIII_A_nidulans_FGSC_A4:202662-204420	WT_5hasex	WT_veg	OK	1,31339	8,20924	2,64395	-3,01083	0,00260534	0,0173806	yes
AN9297	ChrVIII_A_nidulans_FGSC_A4:210659-212726	WT_5hasex	WT_veg	OK	334,428	100,034	-1,74121	3,26024	0,00111318	0,00858343	yes
AN9303	ChrVIII_A_nidulans_FGSC_A4:229088-230217	WT_5hasex	WT_veg	OK	75,9281	381,375	2,3285	-4,71669	2,39717E-06	4,02617E-05	yes
AN9310	ChrVIII_A_nidulans_FGSC_A4:243745-244298	WT_5hasex	WT_veg	OK	1,87446	19,6528	3,39019	-3,30094	0,000963615	0,00761275	yes
AN9342	ChrVIII_A_nidulans_FGSC_A4:349617-354139	WT_5hasex	WT_veg	OK	6,15871	32,3456	2,39287	-4,42156	9,79888E-06	0,000141533	yes
AN9343	ChrVIII_A_nidulans_FGSC_A4:355966-356815	WT_5hasex	WT_veg	OK	0	4,96031	1.79769e+308	1.79769e+308	0,00124263	0,00938545	yes
AN9351	ChrVIII_A_nidulans_FGSC_A4:388290-389058	WT_5hasex	WT_veg	OK	7,81725	53,6534	2,77894	-3,18073	0,00146903	0,0107981	yes
AN9357	ChrVIII_A_nidulans_FGSC_A4:398177-399086	WT_5hasex	WT_veg	OK	85,352	255,928	1,58424	-3,24416	0,00117796	0,00898902	yes
AN9361	ChrVIII_A_nidulans_FGSC_A4:405514-407375	WT_5hasex	WT_veg	OK	7,95382	46,5207	2,54815	-4,18168	2,89368E-05	0,000371893	yes
AN9364	ChrVIII_A_nidulans_FGSC_A4:413228-414758	WT_5hasex	WT_veg	OK	0,996502	7,07539	2,82786	-2,84246	0,00447671	0,0272397	yes
AN9369	ChrVIII_A_nidulans_FGSC_A4:425120-426884	WT_5hasex	WT_veg	OK	29,763	94,7285	1,67028	-2,94927	0,00318528	0,0205485	yes
AN9398	ChrVIII_A_nidulans_FGSC_A4:514536-516290	WT_5hasex	WT_veg	OK	28,3922	224,9	2,98572	-5,9278	3,07026E-09	9,80504E-08	yes
AN9401	ChrVIII_A_nidulans_FGSC_A4:521335-522703	WT_5hasex	WT_veg	OK	156,799	660,76	2,07521	-4,19561	2,72133E-05	0,000351412	yes
AN9404	ChrVIII_A_nidulans_FGSC_A4:527473-528182	WT_5hasex	WT_veg	OK	81,2816	261,684	1,68682	-3,37679	0,000733363	0,00602724	yes
AN9409	ChrVIII_A_nidulans_FGSC_A4:550968-552239	WT_5hasex	WT_veg	OK	48,2588	145,355	1,59072	-3,18103	0,0014675	0,01079	yes
AN9418	ChrVII_A_nidulans_FGSC_A4:667536-668203	WT_5hasex	WT_veg	OK	22,1185	106,005	2,26081	-3,63084	0,000282503	0,00268184	yes
AN9419	ChrVII_A_nidulans_FGSC_A4:668441-672579	WT_5hasex	WT_veg	OK	98,7134	292,777	1,56849	-3,04891	0,00229671	0,0156525	yes
AN9433	ChrIII_A_nidulans_FGSC_A4:1947750-1948299	WT_5hasex	WT_veg	OK	21,9236	201,79	3,2023	-5,25435	1,48544E-07	3,32651E-06	yes
AN9466	ChrVIII_A_nidulans_FGSC_A4:715103-717404	WT_5hasex	WT_veg	OK	50,5136	242,242	2,26171	-4,4479	8,67144E-06	0,000126609	yes
AN9471	ChrI_A_nidulans_FGSC_A4:1658274-1659001	WT_5hasex	WT_veg	OK	132,67	365,604	1,46244	-3,03066	0,00244022	0,0164741	yes
AN9483	ChrV_A_nidulans_FGSC_A4:2268673-2269610	WT_5hasex	WT_veg	OK	46,9182	194,651	2,05267	-3,9524	7,73699E-05	0,000877183	yes
AN9486	ChrIII_A_nidulans_FGSC_A4:1042859-1044280	WT_5hasex	WT_veg	OK	37,056	119,176	1,68532	-3,42596	0,000612628	0,00517957	yes
AN9506	ChrII_A_nidulans_FGSC_A4:843296-845313	WT_5hasex	WT_veg	OK	60,8075	172,786	1,50667	-3,14568	0,00165701	0,0119322	yes
AN9509	ChrVII_A_nidulans_FGSC_A4:3893231-3894116	WT_5hasex	WT_veg	OK	39,0196	115,945	1,57117	-3,05743	0,00223241	0,0153119	yes
AN9523	ChrVIII_A_nidulans_FGSC_A4:4621839-4623725	WT_5hasex	WT_veg	OK	46,9349	173,842	1,88904	-3,89967	9,63227E-05	0,0010604	yes
AN9531	ChrVI_A_nidulans_FGSC_A4:3303566-3304571	WT_5hasex	WT_veg	OK	3,18817	55,7622	4,12849	-5,17969	2,22253E-07	4,79083E-06	yes
AN9540	ChrVIII_A_nidulans_FGSC_A4:4462938-4464870	WT_5hasex	WT_veg	OK	3,40151	12,4777	1,87511	-2,81022	0,0049507	0,0295004	yes
apdA	ChrV_A_nidulans_FGSC_A4:396315-408251	WT_5hasex	WT_veg	OK	10,4226	0,670061	-3,95928	7,44698	9,54792E-14	6,06461E-12	yes
arcA	ChrVIII_A_nidulans_FGSC_A4:4306001-4307855	WT_5hasex	WT_veg	OK	10,3121	35,0766	1,76617	-3,0768	0,00209235	0,0145088	yes
areA	ChrIII_A_nidulans_FGSC_A4:3191741-3194433	WT_5hasex	WT_veg	OK	59,6087	164,201	1,46187	-2,64644	0,00813451	0,0441908	yes

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arlA	ChrI_A_nidulans_FGSC_A4:1832725-1833650	WT_5hasex	WT_veg	OK	52,3398	176,856	1,7566	-3,40135	0,000670535	0,00558179	yes
aroG	ChrVIII_A_nidulans_FGSC_A4:3813548-3815215	WT_5hasex	WT_veg	OK	83,3442	484,534	2,53944	-5,25391	1,48903E-07	3,33312E-06	yes
aromA	ChrVIII_A_nidulans_FGSC_A4:2724599-2726364	WT_5hasex	WT_veg	OK	19,0918	74,9089	1,97218	-3,79692	0,000146507	0,00152417	yes
atfA	ChrVI_A_nidulans_FGSC_A4:2424360-2426194	WT_5hasex	WT_veg	OK	255,275	983,464	1,94582	-3,46402	0,000532174	0,00458668	yes
atrA	ChrVII_A_nidulans_FGSC_A4:406021-410660	WT_5hasex	WT_veg	OK	37,9445	1,91388	-4,30932	6,57896	4,73752E-11	2,04494E-09	yes
awh11	ChrII_A_nidulans_FGSC_A4:3270516-3271154	WT_5hasex	WT_veg	OK	751,367	12668,8	4,07561	-6,58454	4,56282E-11	1,97604E-09	yes
azgA	ChrV_A_nidulans_FGSC_A4:783049-785064	WT_5hasex	WT_veg	OK	71,5898	426,892	2,57605	-5,26659	1,38984E-07	3,13115E-06	yes
bemA	ChrIV_A_nidulans_FGSC_A4:1256388-1258694	WT_5hasex	WT_veg	OK	44,5561	105,615	1,24512	-2,61593	0,0088986	0,0475287	yes
BEST1	ChrVII_A_nidulans_FGSC_A4:3331678-3333709	WT_5hasex	WT_veg	OK	100,146	384,984	1,94269	-3,85808	0,00011428	0,00123348	yes
bglD	ChrII_A_nidulans_FGSC_A4:223094-225686	WT_5hasex	WT_veg	OK	20,5686	1,4123	-3,86432	5,44037	5,31702E-08	1,31986E-06	yes
bglH	ChrII_A_nidulans_FGSC_A4:2723819-2726047	WT_5hasex	WT_veg	OK	1,14562	5,7001	2,31486	-3,00431	0,00266182	0,0176922	yes
bglJ	ChrII_A_nidulans_FGSC_A4:54215-56941	WT_5hasex	WT_veg	OK	8,45984	2,03641	-2,0546	3,17938	0,00147592	0,0108412	yes
bimG	ChrVIII_A_nidulans_FGSC_A4:3641437-3644201	WT_5hasex	WT_veg	OK	68,0884	209,422	1,62093	-3,2922	0,000994059	0,00781204	yes
bioF	ChrI_A_nidulans_FGSC_A4:2719846-2721201	WT_5hasex	WT_veg	OK	61,4851	162,598	1,403	-2,87165	0,00408333	0,0252061	yes
bop1	ChrVIII_A_nidulans_FGSC_A4:729845-732391	WT_5hasex	WT_veg	OK	14,9778	75,943	2,34209	-4,54423	5,51377E-06	8,44832E-05	yes
brlA	ChrVIII_A_nidulans_FGSC_A4:1924899-1926301	WT_5hasex	WT_veg	OK	25,2207	5,59762	-2,17172	3,21334	0,00131203	0,00982681	yes
carC	ChrIII_A_nidulans_FGSC_A4:2789388-2790299	WT_5hasex	WT_veg	OK	227,675	645,95	1,50445	-3,13589	0,00171336	0,0122722	yes
casA	ChrV_A_nidulans_FGSC_A4:1916050-1917816	WT_5hasex	WT_veg	OK	94,3336	420,592	2,15658	-4,41951	9,89227E-06	0,000142724	yes
catA	ChrIII_A_nidulans_FGSC_A4:3296323-3298751	WT_5hasex	WT_veg	OK	29,8535	268,985	3,17155	-6,67107	2,53946E-11	1,13157E-09	yes
catC	ChrI_A_nidulans_FGSC_A4:1815929-1817926	WT_5hasex	WT_veg	OK	7,29334	26,9884	1,88769	-3,18819	0,00143164	0,0105604	yes
ccp1	ChrVII_A_nidulans_FGSC_A4:1415977-1417413	WT_5hasex	WT_veg	OK	124,419	387,339	1,63839	-3,37782	0,000730641	0,00601147	yes
cdc37	ChrVII_A_nidulans_FGSC_A4:2699868-2701488	WT_5hasex	WT_veg	OK	156,826	399,9	1,35048	-2,64466	0,0081774	0,044364	yes
cetJ	ChrIII_A_nidulans_FGSC_A4:3294885-3295801	WT_5hasex	WT_veg	OK	96,9783	446,831	2,204	-4,46211	8,11582E-06	0,000119496	yes
cetL	ChrVI_A_nidulans_FGSC_A4:148261-149491	WT_5hasex	WT_veg	OK	0,835408	4,99653	2,58038	-2,79918	0,00512321	0,030318	yes
cgrA	ChrVII_A_nidulans_FGSC_A4:570170-570880	WT_5hasex	WT_veg	OK	50,9397	338,544	2,73248	-5,1779	2,24401E-07	4,82919E-06	yes
chiA	ChrII_A_nidulans_FGSC_A4:1246858-1249793	WT_5hasex	WT_veg	OK	47,9263	17,0318	-1,49259	3,02756	0,00246539	0,0166141	yes
chiB	ChrIII_A_nidulans_FGSC_A4:717479-719588	WT_5hasex	WT_veg	OK	39,1291	137,227	1,81025	-3,75775	0,000171447	0,0017445	yes
choC	ChrVIII_A_nidulans_FGSC_A4:696095-697268	WT_5hasex	WT_veg	OK	376,914	952,525	1,33752	-2,65635	0,00789926	0,0431319	yes
chpA	ChrVIII_A_nidulans_FGSC_A4:1403747-1404946	WT_5hasex	WT_veg	OK	106,089	533,34	2,32979	-4,54545	5,48181E-06	8,40672E-05	yes
chsB	ChrVII_A_nidulans_FGSC_A4:4223814-4227305	WT_5hasex	WT_veg	OK	105,676	346,971	1,71517	-3,35747	0,000786585	0,00640041	yes
chsF	ChrIII_A_nidulans_FGSC_A4:2260755-2263802	WT_5hasex	WT_veg	OK	15,8979	5,21132	-1,60911	3,05374	0,00226008	0,0154693	yes
cipB	ChrII_A_nidulans_FGSC_A4:167354-168507	WT_5hasex	WT_veg	OK	53,2531	8,22692	-2,69444	4,89833	9,66533E-07	1,77651E-05	yes
codA	ChrVII_A_nidulans_FGSC_A4:755021-756749	WT_5hasex	WT_veg	OK	48,1501	257,735	2,42028	-5,03282	4,83315E-07	9,58255E-06	yes
conJ	ChrIII_A_nidulans_FGSC_A4:275209-275802	WT_5hasex	WT_veg	OK	179,383	24,975	-2,84449	5,43688	5,42222E-08	1,34343E-06	yes
cpa	ChrVII_A_nidulans_FGSC_A4:3302661-3304455	WT_5hasex	WT_veg	OK	156,229	554,509	1,82755	-3,63564	0,000277295	0,00263805	yes
cpcA	ChrII_A_nidulans_FGSC_A4:3405001-3407450	WT_5hasex	WT_veg	OK	372,855	2705,88	2,85941	-4,73493	2,19129E-06	3,72093E-05	yes
cpeA	ChrIV_A_nidulans_FGSC_A4:112305-114525	WT_5hasex	WT_veg	OK	7,20667	49,1011	2,76835	-4,32186	1,54722E-05	0,000213081	yes
creA	ChrI_A_nidulans_FGSC_A4:966618-968620	WT_5hasex	WT_veg	OK	101,153	310,737	1,61916	-3,3329	0,000859444	0,00691275	yes
creD	ChrII_A_nidulans_FGSC_A4:1877979-1880454	WT_5hasex	WT_veg	OK	236,059	675,658	1,51715	-2,83639	0,00456262	0,0276437	yes
crhC	ChrVIII_A_nidulans_FGSC_A4:2023796-2025711	WT_5hasex	WT_veg	OK	67,8334	273,839	2,01326	-4,08908	4,33078E-05	0,000529002	yes
cwc27	ChrII_A_nidulans_FGSC_A4:631553-633230	WT_5hasex	WT_veg	OK	11,9794	37,895	1,66145	-2,99205	0,00277108	0,0182907	yes
cyp1	ChrIII_A_nidulans_FGSC_A4:3389945-3390715	WT_5hasex	WT_veg	OK	1129,46	3847,91	1,76845	-3,20178	0,0013658	0,0101548	yes
cyp4	ChrVII_A_nidulans_FGSC_A4:668441-672579	WT_5hasex	WT_veg	OK	59,2896	193,131	1,70373	-3,25421	0,0011371	0,00873057	yes
CYP505A8	ChrI_A_nidulans_FGSC_A4:3333781-3337144	WT_5hasex	WT_veg	OK	18,5463	219,424	3,56452	-7,33672	2,18936E-13	1,32326E-11	yes
CYP5073A1	ChrII_A_nidulans_FGSC_A4:887328-889100	WT_5hasex	WT_veg	OK	0,782679	6,62015	3,08037	-3,52987	0,000415766	0,00371474	yes
CYP5128A1	ChrVII_A_nidulans_FGSC_A4:1665840-1667333	WT_5hasex	WT_veg	OK	38,8638	13,9012	-1,48322	2,88649	0,00389564	0,0242671	yes

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CYP52G1	ChrI_nidulans_FGSC_A4:1393259-1394860	WT_5hasex	WT_veg	OK	31,7537	5,03015	-2,65825	4,83343	0,000001342	2,39276E-05	yes
CYP537B1	ChrVII_A_nidulans_FGSC_A4:498809-500516	WT_5hasex	WT_veg	OK	47,1433	12,6057	-1,90297	3,70115	0,000214627	0,00211606	yes
CYP539A4P	ChrV_A_nidulans_FGSC_A4:2678849-2680020	WT_5hasex	WT_veg	OK	42,139	232,087	2,46144	-4,28134	1,85775E-05	0,000250579	yes
CYP584E1	ChrVIII_A_nidulans_FGSC_A4:471023-472611	WT_5hasex	WT_veg	OK	41,419	16,4473	-1,33244	2,62245	0,0087301	0,0468053	yes
CYP620E1	ChrVII_A_nidulans_FGSC_A4:1316521-1318592	WT_5hasex	WT_veg	OK	61,1261	165,062	1,43314	-2,85709	0,00427549	0,0262194	yes
CYP631B1	ChrVI_A_nidulans_FGSC_A4:1408873-1411158	WT_5hasex	WT_veg	OK	48,2904	6,86906	-2,81355	4,60053	4,21425E-06	0,000066277	yes
CYP646A1	ChrVII_A_nidulans_FGSC_A4:4471549-4473815	WT_5hasex	WT_veg	OK	50,5839	133,412	1,39914	-2,90302	0,0036958	0,0232773	yes
CYP659A1	ChrVI_A_nidulans_FGSC_A4:1011275-1013229	WT_5hasex	WT_veg	OK	55,3239	157,849	1,51257	-2,74899	0,005978	0,0343825	yes
CYP663A1	ChrIV_A_nidulans_FGSC_A4:73729-75415	WT_5hasex	WT_veg	OK	11,5738	35,9052	1,63333	-2,81094	0,00493978	0,0294521	yes
CYP671A1	ChrV_A_nidulans_FGSC_A4:167743-169625	WT_5hasex	WT_veg	OK	6,65041	21,2162	1,67365	-2,72567	0,00641711	0,0365153	yes
cyp7	ChrIII_A_nidulans_FGSC_A4:1607337-1609067	WT_5hasex	WT_veg	OK	179,398	509,657	1,50636	-2,97478	0,002932	0,0191781	yes
cyp8	ChrVI_A_nidulans_FGSC_A4:449482-451116	WT_5hasex	WT_veg	OK	22,582	98,1537	2,11987	-4,08197	4,46564E-05	0,000542944	yes
cyp9	ChrI_A_nidulans_FGSC_A4:3499024-3500954	WT_5hasex	WT_veg	OK	28,6412	76,466	1,41673	-2,89084	0,00384209	0,0239997	yes
dclA	ChrVIII_A_nidulans_FGSC_A4:4535060-4536675	WT_5hasex	WT_veg	OK	1,6768	8,44778	2,33286	-2,86286	0,00419833	0,0258096	yes
ddbA	ChrVIII_A_nidulans_FGSC_A4:3037582-3041333	WT_5hasex	WT_veg	OK	23,7608	60,5363	1,34922	-2,67641	0,00744165	0,0411304	yes
dfgC	ChrVIII_A_nidulans_FGSC_A4:3694451-3696404	WT_5hasex	WT_veg	OK	23,5592	61,0179	1,37294	-2,62993	0,00854034	0,0459581	yes
dicA	ChrI_A_nidulans_FGSC_A4:746953-748089	WT_5hasex	WT_veg	OK	63,8586	260,615	2,02897	-3,90421	9,45341E-05	0,00104361	yes
didB	ChrVIII_A_nidulans_FGSC_A4:510377-511315	WT_5hasex	WT_veg	OK	176,366	580,597	1,71896	-3,58114	0,0003421	0,00314725	yes
elfA	ChrVIII_A_nidulans_FGSC_A4:232291-233046	WT_5hasex	WT_veg	OK	403,654	1663,98	2,04345	-3,89074	9,99404E-05	0,00109471	yes
enaB	ChrVII_A_nidulans_FGSC_A4:1406950-1410237	WT_5hasex	WT_veg	OK	1,95435	12,8047	2,71191	-3,63579	0,000277128	0,00263702	yes
esdC	ChrVI_A_nidulans_FGSC_A4:375209-377044	WT_5hasex	WT_veg	OK	489,129	3271,67	2,74174	-3,65006	0,000262174	0,00251989	yes
faaA	ChrI_A_nidulans_FGSC_A4:1507962-1510775	WT_5hasex	WT_veg	OK	128,005	398,802	1,63947	-3,10021	0,00193382	0,0135712	yes
fabM	ChrII_A_nidulans_FGSC_A4:2376172-2378756	WT_5hasex	WT_veg	OK	55,1762	214,153	1,95652	-3,9834	6,79366E-05	0,000783109	yes
facB	ChrVIII_A_nidulans_FGSC_A4:2782107-2785113	WT_5hasex	WT_veg	OK	63,8289	176,097	1,46409	-2,93077	0,00338127	0,0216212	yes
facC	ChrVIII_A_nidulans_FGSC_A4:1645648-1648234	WT_5hasex	WT_veg	OK	46,5983	123,271	1,40349	-2,85944	0,00424388	0,0260591	yes
fadA	ChrVIII_A_nidulans_FGSC_A4:2883465-2885283	WT_5hasex	WT_veg	OK	49,2958	135,693	1,46081	-3,04307	0,00234176	0,015914	yes
faoA	ChrII_A_nidulans_FGSC_A4:822117-823880	WT_5hasex	WT_veg	OK	45,8691	810,519	4,14325	-6,9044	5,04174E-12	2,54281E-10	yes
fasA	ChrVIII_A_nidulans_FGSC_A4:532852-538683	WT_5hasex	WT_veg	OK	138,672	805,79	2,53873	-4,10991	3,95816E-05	0,000488517	yes
fasB	ChrVIII_A_nidulans_FGSC_A4:540287-546767	WT_5hasex	WT_veg	OK	182,288	746,153	2,03325	-3,12539	0,00177569	0,0126615	yes
faaA	ChrVI_A_nidulans_FGSC_A4:2525617-2527251	WT_5hasex	WT_veg	OK	1007,26	3865,15	1,94009	-3,03955	0,00236931	0,0160825	yes
fbpZ	ChrI_A_nidulans_FGSC_A4:2974137-2976004	WT_5hasex	WT_veg	OK	114,336	518,11	2,17998	-4,34369	1,40106E-05	0,000194537	yes
fhbA	ChrIV_A_nidulans_FGSC_A4:795898-797379	WT_5hasex	WT_veg	OK	615,664	143,344	-2,10266	3,29382	0,000988375	0,00777087	yes
fhbB	ChrII_A_nidulans_FGSC_A4:3904791-3906076	WT_5hasex	WT_veg	OK	2,76432	20,3773	2,88197	-4,03569	5,44418E-05	0,000645006	yes
fhpA	ChrIII_A_nidulans_FGSC_A4:1782644-1784126	WT_5hasex	WT_veg	OK	2,32431	18,2306	2,97148	-4,03492	5,46213E-05	0,000646839	yes
FKBP5	ChrII_A_nidulans_FGSC_A4:2691850-2693836	WT_5hasex	WT_veg	OK	72,5686	358,855	2,30598	-4,67758	2,90285E-06	4,76701E-05	yes
fphA	ChrVII_A_nidulans_FGSC_A4:141220-145309	WT_5hasex	WT_veg	OK	30,3454	84,3266	1,47451	-2,99875	0,00271091	0,0179546	yes
gcnE	ChrII_A_nidulans_FGSC_A4:3567624-3569139	WT_5hasex	WT_veg	OK	17,5196	49,2324	1,49064	-2,67666	0,00743604	0,0411037	yes
gelC	ChrII_A_nidulans_FGSC_A4:3249001-3251282	WT_5hasex	WT_veg	OK	114,315	41,4831	-1,46242	2,91564	0,00354965	0,0225083	yes
gelD	ChrVII_A_nidulans_FGSC_A4:348173-350191	WT_5hasex	WT_veg	OK	341,63	9,37753	-5,18708	6,774	1,25266E-11	5,87665E-10	yes
gfdA	ChrVIII_A_nidulans_FGSC_A4:3827963-3829778	WT_5hasex	WT_veg	OK	93,2449	232,824	1,32014	-2,71442	0,00663909	0,0375339	yes
gfdB	ChrI_A_nidulans_FGSC_A4:3189570-3190910	WT_5hasex	WT_veg	OK	23,9951	173,683	2,85564	-5,29621	1,18228E-07	2,70542E-06	yes
glab	ChrIV_A_nidulans_FGSC_A4:63625-65705	WT_5hasex	WT_veg	OK	3,7596	0	-1.79769e+308	-1.79769e+308	0,00911834	0,0484275	yes
glbB	ChrV_A_nidulans_FGSC_A4:2398938-2400534	WT_5hasex	WT_veg	OK	653,465	2056,71	1,65416	-2,79629	0,00516924	0,0305388	yes
glkA	ChrIII_A_nidulans_FGSC_A4:3118546-3120071	WT_5hasex	WT_veg	OK	350,204	935,901	1,41816	-2,64359	0,00820317	0,0444592	yes
gmtA	ChrIII_A_nidulans_FGSC_A4:2604118-2605585	WT_5hasex	WT_veg	OK	65,2059	163,738	1,32831	-2,73249	0,00628572	0,0358924	yes
gpgA	ChrVI_A_nidulans_FGSC_A4:2948436-2949317	WT_5hasex	WT_veg	OK	128,659	327,561	1,34821	-2,80907	0,00496843	0,0295859	yes

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gprC	ChrII_A_nidulans_FGSC_A4:3127715-3129185	WT_5hasex	WT_veg	OK	26,6114	73,7008	1,46964	-2,89176	0,00383085	0,0239562	yes
gprE	ChrVI_A_nidulans_FGSC_A4:134873-137479	WT_5hasex	WT_veg	OK	44,7515	111,047	1,31116	-2,70864	0,00675596	0,0380714	yes
gprI	ChrV_A_nidulans_FGSC_A4:195341-196371	WT_5hasex	WT_veg	OK	0,526418	8,06019	3,93653	-3,13091	0,00174263	0,0124597	yes
gprJ	ChrV_A_nidulans_FGSC_A4:1894600-1896179	WT_5hasex	WT_veg	OK	22,3198	173,037	2,95469	-5,47607	4,34867E-08	1,0961E-06	yes
gpxA	ChrVI_A_nidulans_FGSC_A4:2616847-2617800	WT_5hasex	WT_veg	OK	221,58	575,091	1,37596	-2,75067	0,00594728	0,0342359	yes
gsdA	ChrVI_A_nidulans_FGSC_A4:2183691-2186179	WT_5hasex	WT_veg	OK	365,803	1090,39	1,57571	-2,78888	0,005289	0,031113	yes
gstB	ChrI_A_nidulans_FGSC_A4:1467522-1468493	WT_5hasex	WT_veg	OK	36,3429	177,143	2,28517	-3,75865	0,000170834	0,00174063	yes
gukA	ChrII_A_nidulans_FGSC_A4:3516468-3517583	WT_5hasex	WT_veg	OK	39,2802	149,752	1,9307	-3,83597	0,000125067	0,00133442	yes
H4.2	ChrVII_A_nidulans_FGSC_A4:3917581-3918364	WT_5hasex	WT_veg	OK	770,165	2593,26	1,75153	-3,11025	0,00186926	0,013184	yes
halA	ChrIII_A_nidulans_FGSC_A4:2662463-2664953	WT_5hasex	WT_veg	OK	163,964	914,486	2,47958	-4,6797	0,000002873	4,72391E-05	yes
hapE	ChrI_A_nidulans_FGSC_A4:2280414-2284598	WT_5hasex	WT_veg	OK	141,644	367,392	1,37505	-2,80054	0,00510174	0,030232	yes
hisHF	ChrIV_A_nidulans_FGSC_A4:1520618-1522588	WT_5hasex	WT_veg	OK	91,9219	233,906	1,34745	-2,75544	0,00586132	0,0338377	yes
hk2	ChrII_A_nidulans_FGSC_A4:294244-296249	WT_5hasex	WT_veg	OK	15,1454	53,2045	1,81267	-3,50406	0,000458223	0,00404171	yes
hogA	ChrVIII_A_nidulans_FGSC_A4:1787245-1789386	WT_5hasex	WT_veg	OK	573,956	2509,45	2,12836	-3,51604	0,000438028	0,00388516	yes
hsp104	ChrVIII_A_nidulans_FGSC_A4:2252755-2255831	WT_5hasex	WT_veg	OK	568,042	2032,7	1,83933	-2,7206	0,0065164	0,0369919	yes
hulA	ChrVIII_A_nidulans_FGSC_A4:787321-790823	WT_5hasex	WT_veg	OK	77,9288	217,624	1,48161	-3,00134	0,00268792	0,0178294	yes
hulE	ChrVII_A_nidulans_FGSC_A4:2408555-2421143	WT_5hasex	WT_veg	OK	19,0287	68,5255	1,84846	-3,70439	0,0002119	0,00209311	yes
hxA	ChrV_A_nidulans_FGSC_A4:2211297-2215583	WT_5hasex	WT_veg	OK	90,7167	745,643	3,03905	-5,12625	2,95564E-07	6,18537E-06	yes
hxB	ChrVII_A_nidulans_FGSC_A4:1435983-1438647	WT_5hasex	WT_veg	OK	12,2071	43,25	1,82498	-3,46795	0,000524436	0,0045334	yes
hxkA	ChrIV_A_nidulans_FGSC_A4:1608306-1610025	WT_5hasex	WT_veg	OK	230,159	858,294	1,89884	-3,58211	0,000340832	0,00313851	yes
ileA	ChrII_A_nidulans_FGSC_A4:2922952-2925077	WT_5hasex	WT_veg	OK	25,8688	65,6172	1,34286	-2,6952	0,00703468	0,0392788	yes
ivoB	ChrVIII_A_nidulans_FGSC_A4:4208565-4209844	WT_5hasex	WT_veg	OK	214,457	8,3293	-4,68635	6,6609	2,72158E-11	1,20351E-09	yes
ivoC	ChrIII_A_nidulans_FGSC_A4:1431691-1433386	WT_5hasex	WT_veg	OK	6,81048	0	-1.79769e+308	-1.79769e+308	0,00527214	0,0310347	yes
jlbA	ChrVII_A_nidulans_FGSC_A4:1964062-1965095	WT_5hasex	WT_veg	OK	302,758	1629,73	2,42839	-4,7328	2,21442E-06	3,75656E-05	yes
kapI	ChrV_A_nidulans_FGSC_A4:1899834-1903567	WT_5hasex	WT_veg	OK	72,0124	195,828	1,44327	-2,90731	0,0036455	0,0229992	yes
kgdB	ChrVI_A_nidulans_FGSC_A4:634354-637153	WT_5hasex	WT_veg	OK	294,17	770,121	1,38844	-2,61358	0,00895981	0,0478118	yes
ladB	ChrIII_A_nidulans_FGSC_A4:2351901-2353104	WT_5hasex	WT_veg	OK	32,1002	9,12944	-1,81398	3,031	0,00243746	0,0164603	yes
lccD	ChrVIII_A_nidulans_FGSC_A4:2188614-2190529	WT_5hasex	WT_veg	OK	28,1323	9,8207	-1,51833	2,90925	0,00362297	0,0228846	yes
lreB	ChrII_A_nidulans_FGSC_A4:3630733-3632041	WT_5hasex	WT_veg	OK	7,12293	26,5849	1,90007	-2,9857	0,00282932	0,0186135	yes
maeA	ChrI_A_nidulans_FGSC_A4:1031633-1033880	WT_5hasex	WT_veg	OK	78,5002	487,899	2,63581	-5,42662	5,74323E-08	1,41427E-06	yes
maiA	ChrVII_A_nidulans_FGSC_A4:2182403-2183268	WT_5hasex	WT_veg	OK	17,0023	60,9156	1,84108	-2,96779	0,00299952	0,0195416	yes
mbf1	ChrVI_A_nidulans_FGSC_A4:2144521-2147001	WT_5hasex	WT_veg	OK	321,034	1201,17	1,90364	-3,39459	0,000687321	0,00570612	yes
mdpA	ChrVIII_A_nidulans_FGSC_A4:4458695-4460205	WT_5hasex	WT_veg	OK	1,12835	22,6884	4,32967	-4,56687	4,95053E-06	7,67054E-05	yes
meaA	ChrIV_A_nidulans_FGSC_A4:1615942-1618264	WT_5hasex	WT_veg	OK	301,534	1015,85	1,75229	-3,23649	0,00121009	0,00918471	yes
meaB	ChrIII_A_nidulans_FGSC_A4:618106-620369	WT_5hasex	WT_veg	OK	29,9993	233,384	2,95971	-6,08384	1,17338E-09	4,09918E-08	yes
metE	ChrVII_A_nidulans_FGSC_A4:3267092-3269073	WT_5hasex	WT_veg	OK	39,9354	157,481	1,97943	-4,0736	4,62914E-05	0,000559668	yes
mid1	ChrIII_A_nidulans_FGSC_A4:2620162-2622472	WT_5hasex	WT_veg	OK	23,4074	59,3016	1,34111	-2,74313	0,00608575	0,0349294	yes
mipA	ChrVIII_A_nidulans_FGSC_A4:2818652-2820525	WT_5hasex	WT_veg	OK	52,7617	157,682	1,57945	-3,2409	0,00119155	0,00907577	yes
mnpA	ChrVII_A_nidulans_FGSC_A4:4048932-4049431	WT_5hasex	WT_veg	OK	53,0363	231,876	2,1283	-3,75877	0,000170748	0,00174009	yes
mns1B	ChrVIII_A_nidulans_FGSC_A4:2473064-2474751	WT_5hasex	WT_veg	OK	53,8915	147,655	1,4541	-2,8865	0,00389554	0,0242671	yes
mpkB	ChrII_A_nidulans_FGSC_A4:3287538-3288944	WT_5hasex	WT_veg	OK	170,704	428,705	1,32849	-2,68618	0,00722737	0,0401621	yes
mshA	ChrVII_A_nidulans_FGSC_A4:1678180-1682022	WT_5hasex	WT_veg	OK	17,6987	48,8573	1,46493	-2,9446	0,00323367	0,0208043	yes
msrA	ChrIII_A_nidulans_FGSC_A4:1810538-1811488	WT_5hasex	WT_veg	OK	93,927	272,237	1,53525	-3,18471	0,00144901	0,0106689	yes
msrB	ChrVII_A_nidulans_FGSC_A4:2303180-2303714	WT_5hasex	WT_veg	OK	42,8546	201,156	2,2308	-3,97955	6,90463E-05	0,000794503	yes
mtr4	ChrIII_A_nidulans_FGSC_A4:2124623-2128055	WT_5hasex	WT_veg	OK	14,3422	65,5968	2,19336	-4,40293	0,00001068	0,000152349	yes
myoA	ChrVII_A_nidulans_FGSC_A4:1166695-1171248	WT_5hasex	WT_veg	OK	37,4242	98,2277	1,39216	-2,9116	0,00359586	0,0227463	yes

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nadA	ChrI_A_nidulans_FGSC_A4:1325825-1326920	WT_5hasex	WT_veg	OK	28,1424	244,99	3,1219	-5,96588	2,43312E-09	7,92421E-08	yes
napA	ChrIV_A_nidulans_FGSC_A4:1788866-1791254	WT_5hasex	WT_veg	OK	158,856	532,802	1,74588	-3,29612	0,000980317	0,00772141	yes
napB	ChrII_A_nidulans_FGSC_A4:999810-1002123	WT_5hasex	WT_veg	OK	98,097	486,536	2,31027	-4,77638	1,78478E-06	3,09587E-05	yes
ndiF	ChrVIII_A_nidulans_FGSC_A4:1539657-1542242	WT_5hasex	WT_veg	OK	120,65	1102,78	3,19225	-6,02335	1,70846E-09	5,70596E-08	yes
nic96	ChrIV_A_nidulans_FGSC_A4:1406847-1410477	WT_5hasex	WT_veg	OK	37,2872	118,362	1,66646	-3,44759	0,000565616	0,00483987	yes
niiA	ChrVIII_A_nidulans_FGSC_A4:1818280-1822109	WT_5hasex	WT_veg	OK	591,815	170,197	-1,79794	2,69976	0,00693889	0,0388682	yes
nkuB	ChrIII_A_nidulans_FGSC_A4:1679477-1682080	WT_5hasex	WT_veg	OK	50,232	129,699	1,36849	-2,78919	0,00528396	0,0310868	yes
nop10	ChrII_A_nidulans_FGSC_A4:1290279-1290956	WT_5hasex	WT_veg	OK	152,975	657,854	2,10447	-4,10316	4,07538E-05	0,000501309	yes
nop58	ChrVI_A_nidulans_FGSC_A4:1604575-1606823	WT_5hasex	WT_veg	OK	64,9903	503,767	2,95446	-5,76331	8,24798E-09	2,43636E-07	yes
nsa2	ChrVI_A_nidulans_FGSC_A4:2371777-2373026	WT_5hasex	WT_veg	OK	43,2869	173,061	1,99928	-3,90871	0,000092791	0,00102841	yes
nsdC	ChrII_A_nidulans_FGSC_A4:1585557-1587489	WT_5hasex	WT_veg	OK	24,3836	59,9122	1,29694	-2,63775	0,00834591	0,0450729	yes
nup2	ChrV_A_nidulans_FGSC_A4:2654654-2659037	WT_5hasex	WT_veg	OK	16,2851	52,535	1,68973	-3,46964	0,000521156	0,00450951	yes
nup57	ChrVIII_A_nidulans_FGSC_A4:1630667-1632269	WT_5hasex	WT_veg	OK	27,9305	95,4665	1,77315	-3,54196	0,000397172	0,00357091	yes
nup84	ChrVIII_A_nidulans_FGSC_A4:1239737-1243109	WT_5hasex	WT_veg	OK	34,6205	93,1737	1,4283	-2,96608	0,00301625	0,019632	yes
oefB	ChrI_A_nidulans_FGSC_A4:3564595-3565373	WT_5hasex	WT_veg	OK	58,052	244,667	2,0754	-3,83415	0,000125997	0,00134306	yes
otaA	ChrVII_A_nidulans_FGSC_A4:1958897-1960694	WT_5hasex	WT_veg	OK	65,1454	315,673	2,2767	-4,73606	2,17914E-06	3,70751E-05	yes
pacA	ChrIV_A_nidulans_FGSC_A4:869878-871226	WT_5hasex	WT_veg	OK	322,792	36,2893	-3,15299	4,7153	2,41358E-06	4,05113E-05	yes
palcA	ChrII_A_nidulans_FGSC_A4:1342159-1344993	WT_5hasex	WT_veg	OK	19,7348	90,7663	2,20141	-4,39616	1,10185E-05	0,000156644	yes
par1	ChrII_A_nidulans_FGSC_A4:2187718-2188472	WT_5hasex	WT_veg	OK	90,4073	326,971	1,85465	-3,55692	0,000375235	0,00340301	yes
pbsA	ChrVIII_A_nidulans_FGSC_A4:2030938-2033306	WT_5hasex	WT_veg	OK	56,2561	166,22	1,56302	-3,1782	0,00148193	0,0108793	yes
pdeB	ChrVI_A_nidulans_FGSC_A4:2954204-2957249	WT_5hasex	WT_veg	OK	17,875	152,078	3,08879	-6,2105	5,28163E-10	1,9615E-08	yes
pdhB	ChrV_A_nidulans_FGSC_A4:1346355-1347968	WT_5hasex	WT_veg	OK	584,857	1711,04	1,54872	-2,76338	0,00572069	0,0332124	yes
pdhC	ChrVIII_A_nidulans_FGSC_A4:525522-527170	WT_5hasex	WT_veg	OK	359,05	1050,2	1,5484	-2,93157	0,00337248	0,0215729	yes
pdkA	ChrI_A_nidulans_FGSC_A4:2057539-2060132	WT_5hasex	WT_veg	OK	28,8409	3,35179	-3,10511	5,62252	1,88191E-08	5,12555E-07	yes
pepJ	ChrII_A_nidulans_FGSC_A4:333193-334709	WT_5hasex	WT_veg	OK	104,548	26,3511	-1,98822	4,08308	4,44436E-05	0,000540865	yes
pgaB	ChrIII_A_nidulans_FGSC_A4:2234981-2236137	WT_5hasex	WT_veg	OK	42,3431	308,877	2,86683	-5,24124	1,59504E-07	3,54016E-06	yes
pgaC	ChrV_A_nidulans_FGSC_A4:142833-144133	WT_5hasex	WT_veg	OK	21,7968	5,19063	-2,07013	3,09336	0,00197902	0,0138624	yes
pgmA	ChrVI_A_nidulans_FGSC_A4:1975032-1976807	WT_5hasex	WT_veg	OK	252,379	1939,98	2,94238	-5,44826	5,08663E-08	1,26627E-06	yes
phbB	ChrI_A_nidulans_FGSC_A4:3402197-3403123	WT_5hasex	WT_veg	OK	20,448	71,933	1,81469	-2,96592	0,00301778	0,0196395	yes
phiA	ChrV_A_nidulans_FGSC_A4:156984-157735	WT_5hasex	WT_veg	OK	188,471	9,37504	-4,32938	6,80749	9,93161E-12	4,74851E-10	yes
phk	ChrIII_A_nidulans_FGSC_A4:578144-580985	WT_5hasex	WT_veg	OK	24,2712	137,925	2,50656	-5,2008	1,98437E-07	4,32369E-06	yes
phkB	ChrVI_A_nidulans_FGSC_A4:1828387-1834151	WT_5hasex	WT_veg	OK	32,8472	138,462	2,07565	-4,23407	2,29501E-05	0,00030126	yes
pho8	ChrIII_A_nidulans_FGSC_A4:1800922-1803057	WT_5hasex	WT_veg	OK	57,3689	191,832	1,7415	-3,38488	0,000712097	0,00587828	yes
pho80	ChrV_A_nidulans_FGSC_A4:1316006-1317687	WT_5hasex	WT_veg	OK	95,4488	286,736	1,58692	-3,22043	0,00127997	0,0096203	yes
phoA	ChrII_A_nidulans_FGSC_A4:1314064-1315312	WT_5hasex	WT_veg	OK	48,0296	232,21	2,27343	-4,53867	5,66099E-06	8,65366E-05	yes
pilA	ChrV_A_nidulans_FGSC_A4:1523652-1525517	WT_5hasex	WT_veg	OK	622,317	3518,63	2,49929	-3,6094	0,000306905	0,00287597	yes
pinA	ChrI_A_nidulans_FGSC_A4:1100804-1101841	WT_5hasex	WT_veg	OK	151,872	402,915	1,40762	-2,88874	0,00386793	0,0241381	yes
pkcA	ChrVIII_A_nidulans_FGSC_A4:4594432-4598641	WT_5hasex	WT_veg	OK	64,5146	256,832	1,99313	-3,89703	9,73803E-05	0,00107047	yes
pkcB	ChrI_A_nidulans_FGSC_A4:1627339-1630007	WT_5hasex	WT_veg	OK	89,6701	218,29	1,28354	-2,6259	0,00864213	0,0464001	yes
pldA	ChrI_A_nidulans_FGSC_A4:2940007-2943407	WT_5hasex	WT_veg	OK	85,6029	480,539	2,48892	-4,73743	2,16448E-06	3,68736E-05	yes
pmcB	ChrIII_A_nidulans_FGSC_A4:553962-557728	WT_5hasex	WT_veg	OK	19,3587	68,899	1,8315	-3,78669	0,000152668	0,00157825	yes
ppgA	ChrV_A_nidulans_FGSC_A4:1695653-1696040	WT_5hasex	WT_veg	OK	22,0834	87,9935	1,99443	-3,05369	0,00226046	0,0154698	yes
ppoA	ChrVII_A_nidulans_FGSC_A4:2422295-2425863	WT_5hasex	WT_veg	OK	33,5492	131,365	1,96923	-4,10216	4,09316E-05	0,000503143	yes
prp8	ChrIII_A_nidulans_FGSC_A4:1766887-1775944	WT_5hasex	WT_veg	OK	21,278	52,3613	1,29914	-2,67046	0,00757478	0,0417521	yes
prpA	ChrVI_A_nidulans_FGSC_A4:1731681-1734014	WT_5hasex	WT_veg	OK	25,7782	171,674	2,73545	-5,439	5,35808E-08	1,32879E-06	yes
ptkA	ChrIII_A_nidulans_FGSC_A4:2556913-2559245	WT_5hasex	WT_veg	OK	48,2749	131,975	1,45092	-3,01913	0,00253505	0,0170136	yes

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ptpA	ChrIV_A_nidulans_FGSC_A4:1402143-1404770	WT_5hasex	WT_veg	OK	83,9597	412,83	2,29778	-4,64582	3,38728E-06	5,47502E-05	yes
pyrABCN	ChrVIII_A_nidulans_FGSC_A4:3153607-3160488	WT_5hasex	WT_veg	OK	17,9942	139,166	2,9512	-6,10872	1,00431E-09	3,54875E-08	yes
pyroA	ChrIV_A_nidulans_FGSC_A4:2484766-2486046	WT_5hasex	WT_veg	OK	70,3308	304,494	2,11419	-4,16919	3,05688E-05	0,00038981	yes
qutC	ChrVIII_A_nidulans_FGSC_A4:1407966-1409100	WT_5hasex	WT_veg	OK	0,913222	6,50386	2,83226	-2,75972	0,00578503	0,0335229	yes
qutG	ChrVIII_A_nidulans_FGSC_A4:1414351-1415560	WT_5hasex	WT_veg	OK	1,21694	7,51576	2,62666	-3,06468	0,00217903	0,0150165	yes
racA	ChrIII_A_nidulans_FGSC_A4:1120421-1122031	WT_5hasex	WT_veg	OK	73,8288	186,686	1,33836	-2,67452	0,00748373	0,0413281	yes
ran	ChrV_A_nidulans_FGSC_A4:2667877-2669388	WT_5hasex	WT_veg	OK	610,514	1652,71	1,43673	-2,63381	0,00844336	0,0455241	yes
rcnA	ChrI_A_nidulans_FGSC_A4:758751-760166	WT_5hasex	WT_veg	OK	231,732	1333,37	2,52455	-4,21368	2,51239E-05	0,000326712	yes
rhbA	ChrIII_A_nidulans_FGSC_A4:2550568-2551498	WT_5hasex	WT_veg	OK	186,587	474,157	1,34551	-2,79923	0,00512251	0,0303174	yes
rmtA	ChrII_A_nidulans_FGSC_A4:1665856-1667343	WT_5hasex	WT_veg	OK	65,3938	205,251	1,65016	-3,38843	0,000702933	0,00581637	yes
rodA	ChrIII_A_nidulans_FGSC_A4:2762001-2762880	WT_5hasex	WT_veg	OK	93,0036	3,02418	-4,94267	5,71989	1,06596E-08	3,07083E-07	yes
rosA	ChrV_A_nidulans_FGSC_A4:1381977-1384246	WT_5hasex	WT_veg	OK	10,0829	33,0763	1,71388	-2,76894	0,00562397	0,0327198	yes
rrp5	ChrVII_A_nidulans_FGSC_A4:3025906-3031458	WT_5hasex	WT_veg	OK	15,4372	80,6074	2,3845	-4,91846	8,72274E-07	0,000016255	yes
rrpB	ChrIII_A_nidulans_FGSC_A4:982401-986585	WT_5hasex	WT_veg	OK	1,24478	4,57605	1,87821	-2,60434	0,00920501	0,0487726	yes
rsdA	ChrVII_A_nidulans_FGSC_A4:1052989-1056433	WT_5hasex	WT_veg	OK	10,7396	61,2355	2,51143	-4,31539	1,59324E-05	0,000218901	yes
rsmA	ChrIII_A_nidulans_FGSC_A4:1659438-1660536	WT_5hasex	WT_veg	OK	16,4238	64,3574	1,97032	-3,39594	0,000683926	0,00567883	yes
schA	ChrII_A_nidulans_FGSC_A4:1650876-1654253	WT_5hasex	WT_veg	OK	70,3291	260,279	1,88787	-3,68111	0,000232218	0,00226521	yes
sdeA	ChrI_A_nidulans_FGSC_A4:3001976-3003856	WT_5hasex	WT_veg	OK	793,825	3443,62	2,11703	-3,21866	0,00128791	0,00967446	yes
sds3	ChrVI_A_nidulans_FGSC_A4:1575336-1577053	WT_5hasex	WT_veg	OK	20,3349	62,0583	1,60967	-3,13412	0,00172369	0,0123361	yes
sgdA	ChrVIII_A_nidulans_FGSC_A4:3797354-3801144	WT_5hasex	WT_veg	OK	138,824	382,434	1,46196	-2,83494	0,00458342	0,0277376	yes
sgdE	ChrI_A_nidulans_FGSC_A4:1517782-1520435	WT_5hasex	WT_veg	OK	472,338	1472,94	1,64081	-2,67367	0,0075027	0,0414154	yes
shoA	ChrIV_A_nidulans_FGSC_A4:2412655-2414542	WT_5hasex	WT_veg	OK	100,257	316,116	1,65675	-3,35276	0,000800091	0,00649417	yes
sidA	ChrI_A_nidulans_FGSC_A4:2141074-2142848	WT_5hasex	WT_veg	OK	124,118	21,1218	-2,55491	5,09189	3,54514E-07	7,28233E-06	yes
sitA	ChrVI_A_nidulans_FGSC_A4:2396816-2399624	WT_5hasex	WT_veg	OK	268,611	1357,64	2,33752	-4,02392	5,72375E-05	0,00067371	yes
spaA	ChrII_A_nidulans_FGSC_A4:2973333-2976173	WT_5hasex	WT_veg	OK	11,9494	34,6521	1,536	-2,93411	0,00334501	0,0214362	yes
spb4	ChrVI_A_nidulans_FGSC_A4:1579516-1581538	WT_5hasex	WT_veg	OK	7,83936	50,6653	2,69219	-4,58472	4,54593E-06	7,10033E-05	yes
spgA	ChrIV_A_nidulans_FGSC_A4:686344-688637	WT_5hasex	WT_veg	OK	87,0356	252,136	1,53452	-3,19873	0,00138033	0,0102439	yes
sreA	ChrVIII_A_nidulans_FGSC_A4:4363947-4365712	WT_5hasex	WT_veg	OK	21,9859	70,5572	1,68221	-3,29461	0,0009856	0,00775487	yes
srgA	ChrIV_A_nidulans_FGSC_A4:1433698-1434439	WT_5hasex	WT_veg	OK	161,86	449,041	1,4721	-3,00668	0,00264119	0,0175818	yes
srgH	ChrII_A_nidulans_FGSC_A4:2892108-2893714	WT_5hasex	WT_veg	OK	150,927	364,115	1,27054	-2,60843	0,00909582	0,048326	yes
srgL	ChrVIII_A_nidulans_FGSC_A4:4702501-4705778	WT_5hasex	WT_veg	OK	29,9639	77,1733	1,36488	-2,63937	0,00830603	0,0448992	yes
srrA	ChrII_A_nidulans_FGSC_A4:3369724-3371705	WT_5hasex	WT_veg	OK	32,6391	259,959	2,99361	-5,85081	4,89182E-09	1,507E-07	yes
srrC	ChrII_A_nidulans_FGSC_A4:1985020-1985772	WT_5hasex	WT_veg	OK	23,4602	72,7335	1,63241	-2,66678	0,00765824	0,0420966	yes
ssoA	ChrVI_A_nidulans_FGSC_A4:789469-791395	WT_5hasex	WT_veg	OK	140,176	480,624	1,77767	-3,58198	0,000340997	0,00313931	yes
surG	ChrIII_A_nidulans_FGSC_A4:1519351-1520890	WT_5hasex	WT_veg	OK	443,451	2206,24	2,31474	-4,17299	3,00624E-05	0,000384443	yes
swoc	ChrIII_A_nidulans_FGSC_A4:2598103-2600165	WT_5hasex	WT_veg	OK	176,049	868,907	2,30323	-4,25834	2,05951E-05	0,000273568	yes
swof	ChrII_A_nidulans_FGSC_A4:2899123-2900843	WT_5hasex	WT_veg	OK	83,7351	202,245	1,2722	-2,64088	0,00826909	0,044778	yes
swoM	ChrI_A_nidulans_FGSC_A4:1440748-1442761	WT_5hasex	WT_veg	OK	274,895	762,563	1,47198	-2,69494	0,0070401	0,0392965	yes
tcsA	ChrV_A_nidulans_FGSC_A4:3228536-3230930	WT_5hasex	WT_veg	OK	50,3078	135,793	1,43256	-2,99755	0,00272159	0,0180163	yes
top1	ChrVIII_A_nidulans_FGSC_A4:4134579-4137933	WT_5hasex	WT_veg	OK	44,4057	158,911	1,8394	-3,78028	0,00015665	0,00161292	yes
tpiB	ChrI_A_nidulans_FGSC_A4:1841637-1842943	WT_5hasex	WT_veg	OK	109,973	345,208	1,65032	-3,37267	0,000744442	0,006104	yes
tpsA	ChrV_A_nidulans_FGSC_A4:2521594-2524068	WT_5hasex	WT_veg	OK	226,402	919,495	2,02195	-3,62946	0,000284011	0,00269225	yes
treA	ChrVIII_A_nidulans_FGSC_A4:333423-336481	WT_5hasex	WT_veg	OK	26,7418	96,352	1,84922	-3,85162	0,000117337	0,00126256	yes
trkB	ChrII_A_nidulans_FGSC_A4:542654-545144	WT_5hasex	WT_veg	OK	14,3482	79,6437	2,47269	-4,79375	1,63694E-06	2,86981E-05	yes
trkC	ChrVIII_A_nidulans_FGSC_A4:1989386-1991745	WT_5hasex	WT_veg	OK	15,981	44,5084	1,47772	-2,805	0,00503164	0,0298841	yes
uapC	ChrI_A_nidulans_FGSC_A4:2999027-3000895	WT_5hasex	WT_veg	OK	84,3939	391,588	2,21413	-4,57909	4,67001E-06	7,26597E-05	yes

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uaW	ChrVIII_A_nidulans_FGSC_A4:4701323-4701980	WT_5hasex	WT_veg	OK	61,6204	255,324	2,05085	-3,81271	0,000137452	0,00144575	yes
uaX	ChrVI_A_nidulans_FGSC_A4:2428608-2429055	WT_5hasex	WT_veg	OK	81,5357	1025,3	3,65247	-6,76914	1,29552E-11	6,06141E-10	yes
uaY	ChrVIII_A_nidulans_FGSC_A4:2148804-2152088	WT_5hasex	WT_veg	OK	73,8915	26,9613	-1,45452	2,90221	0,0037054	0,0233245	yes
uaZ	Chrl_A_nidulans_FGSC_A4:1659243-1660314	WT_5hasex	WT_veg	OK	2089,52	9735,02	2,22001	-2,69625	0,00701249	0,0391883	yes
URFA3	Contig-mt197_A_nidulans_FGSC_A4:1082-2180	WT_5hasex	WT_veg	OK	2,40665	11,0776	2,20255	-2,70673	0,00679501	0,0382503	yes
usgS	ChrIII_A_nidulans_FGSC_A4:1616942-1618221	WT_5hasex	WT_veg	OK	26,4312	138,979	2,39455	-4,53128	5,86284E-06	8,92316E-05	yes
uvsC	ChrVIII_A_nidulans_FGSC_A4:1108553-1109991	WT_5hasex	WT_veg	OK	66,621	172,182	1,36989	-2,84231	0,00447885	0,0272479	yes
uvsD	ChrV_A_nidulans_FGSC_A4:1352681-1355112	WT_5hasex	WT_veg	OK	22,2266	123,427	2,4733	-4,90334	9,42204E-07	1,74173E-05	yes
vcxA	ChrVIII_A_nidulans_FGSC_A4:3454271-3456082	WT_5hasex	WT_veg	OK	75,4125	311,308	2,04547	-4,2222	2,41925E-05	0,000315672	yes
veA	ChrVIII_A_nidulans_FGSC_A4:1667030-1669644	WT_5hasex	WT_veg	OK	64,7807	169,326	1,38617	-2,61585	0,00890068	0,047535	yes
vosA	ChrVII_A_nidulans_FGSC_A4:2387002-2388952	WT_5hasex	WT_veg	OK	10,1007	34,8081	1,78497	-2,94717	0,00320701	0,0206632	yes
vps32	ChrII_A_nidulans_FGSC_A4:1644608-1645447	WT_5hasex	WT_veg	OK	102,225	373,898	1,87089	-3,8554	0,000115542	0,00124607	yes
xanA	ChrVIII_A_nidulans_FGSC_A4:3401427-3402667	WT_5hasex	WT_veg	OK	53,9356	362,549	2,74886	-4,87556	1,08498E-06	1,97197E-05	yes
xlnB	ChrVIII_A_nidulans_FGSC_A4:416475-417187	WT_5hasex	WT_veg	OK	17,314	2,50636	-2,78827	2,80044	0,00510332	0,0302346	yes
yA	Chrl_A_nidulans_FGSC_A4:2686882-2689030	WT_5hasex	WT_veg	OK	11,2656	47,3175	2,07045	-3,72036	0,00019894	0,00198401	yes
ypdA	ChrVII_A_nidulans_FGSC_A4:2534012-2535212	WT_5hasex	WT_veg	OK	205,086	702,907	1,77711	-3,57472	0,000350609	0,00321255	yes

Supplementary table 3

	An	log 2FC	Description
Conidiation			
abaA	An0422	2,515	TEA/ATTS domain transcriptional activator involved in regulation of conidiation; required for phialide differentiation
awh11	An3725	4,076	Developmentally regulated protein with similarity to <i>Candida albicans</i> Wh11p; transcription is repressed by StuA; expression upregulated after exposure to farnesol
bemA	An7030	1,245	Polarisome component required for conidiation and vacuolar fusion; has similarity to <i>Saccharomyces cerevisiae</i> Bem1p
catA	An8637	3,172	Conidia-specific catalase; predicted role in gluconic acid and gluconate metabolism
cetJ	An8638	2,204	Transcript enriched in dormant conidia; induced by light in in developmentally competent mycelia
cetL	An9194	2,580	Conidia Enriched Transcript
fabM	An4000	1,957	Protein with similarity to poly(A)-binding proteins; overexpression results in increased brIA expression and asexual development; expression reduced after exposure to farnesol
fadA	An0651	1,461	Alpha subunit of a heterotrimeric G protein composed of FadA, SfaD, GpgA and involved in regulation of proliferation and conidiophore development; mutant produces increased amounts of extracellular proteinase during carbon starvation
oefB	An9451	2,075	Protein of unknown function; overexpression confers the "fluffy" phenotype; transcript is induced by nitrate
pho80	An5156	1,587	Pho80-like cyclin involved in regulation of development and phosphate homeostasis; interacts with the cyclin-dependent kinase PhoA
piIA	An5217	2,499	Protein with similarity to sphingolipid long chain base-responsive protein Pil1; putative conserved eisosome component; expression upregulated after farnesol exposure; present at the conidial periphery and in punctate structures in mycelia
ppoA	An1967	1,969	Putative fatty acid dioxygenase; responsible for the formation of the oxylipin psiB-alpha; PpoA localizes to lipid bodies in Hulle cells and metulae
prpA	An3129	2,735	Putative protein disulfide isomerase; pdiB mRNA levels increase in the presence of farnesol
ptkA	An8865	1,451	Putative cyclin-dependent kinase; PITALRE motif; similarity to <i>S. pombe</i> Cdc9; constitutively expressed throughout development; localized to nucleus but nuclear localization is lost during mitosis
surG	An4615	2,315	Transmembrane domain-containing protein with homology to <i>S. cerevisiae</i> Sur7p; SurG-GFP localizes perinuclearly and to patches in the periphery of spores and to the vacuole and endosomes of hyphae (
tesA	An5296	1,433	Two-component signaling protein with histidine kinase and response regulator domains; involved in control of conidiation
tpsA	An5523	2,022	Putative alpha,alpha-trehalose-phosphate synthase (UDP-forming) with a role in trehalose biosynthesis; transcriptionally induced during spore germination and exponential growth; required for viability of conidia during prolonged storage
treA	An9340	1,849	Alpha,alpha-trehalase with a role in trehalose hydrolysis; localized to the conidial cell wall; expression upregulated after exposure to farnesol
veA	An1052	1,386	Protein involved in light-sensitive control of differentiation and secondary metabolism; localizes to the nucleus in dark and to both nucleus and cytoplasm in the light; induced by light; AspGD sequence represents the veA1 mutant allele
vosA	An1959	1,785	Nuclear protein involved in spore formation and trehalose accumulation; potential transcription-activating domain; mutants have low spore viability; two overlapping transcripts; VosA-VelB form a dimeric complex in hyphae grown in the dark
yA	An6635	2,070	Conidial laccase (p-diphenol oxidase) involved in dark green pigment production of conidium wall; regulated by abaA; transcript accumulates during conidiophore development; mutants produce yellow colonies; upregulated in during hypoxia
gcnE	An3621	1,491	Putative histone acetyltransferase complex component with a role in nucleosome positioning
brIA	An0973	-2,171	C2H2 zinc finger transcription factor, fphA- and IreB-dependent light induced regulator of conidiophore development; locus has 2 overlapping transcriptional units called brIA alpha and brIA beta; see 5' brIA micro-ORF, AN0974
conJ	An5015	-2,844	Putative conidiation gene; transcript induced by light in in developmentally competent mycelia
ivoB	An0231	-4,686	Conidiophore-specific phenol oxidase; mutant conidiophores, metulae and phialides lack pigmentation; ivoB mutants accumulate the substrate N-acetyl-6-hydroxytryptophan (AHT); repressed by light in developmentally competent mycelia
ivoC	An10573	-1,800	Putative cytochrome P450
phiA	An8333	-4,329	Protein required for normal phialide development; expression increased in the presence of bafilomycin B1 and concanamycin A; PhiA localizes to conidia and phialides
rodA	An8803	-4,943	Hydrophobin; protein involved in conidium development; required for the formation of outer hydrophobic layer (rodlet layer) of the conidium wall; transcriptionally regulated by BrIA; predicted glycosylphosphatidylinositol (GPI)-anchor
Cell wall organization and biogenesis			
abnD	An3044	2,038	Putative arabinan endo-1,5-alpha-L-arabinosidase with a predicted role in degradation of pectin; predicted glycosylphosphatidylinositol (GPI)-anchored protein
agsB	An3307	1,449	Putative catalytic subunit of the alpha-1,3 glucan synthase complex
amyG	An3309	1,786	Putative alpha-amylase with a predicted role in starch metabolism
bgIH	An3903	2,319	Putative beta-glucosidase with a predicted role in polysaccharide degradation
chiB	An4871	1,810	Class V chitinase; glycoside hydrolase family 18 (GH18) protein with a role in the age-dependent autolysis
chsB	An5253	1,715	Class III chitin synthase with a role in chitin biosynthesis; required for normal growth and conidiation; constitutively expressed during vegetative growth, sexual and asexual development
crhC	An0933	2,013	Putative transglycosidase with a predicted role in glucan processing; predicted glycosyl phosphatidylinositol (GPI)-anchor
mnpA	An10311	2,128	Putative hyphal cell wall mannoprotein; expression is transcriptionally upregulated during sexual development; expression is flbA-, fadA- and veA-dependent; present in the hyphal cell wall, absent from the conidial cell wall
pgaB	An4372	2,867	Protein with polygalacturonase activity, involved in degradation of pectin
pkcA	An0106	1,993	Protein kinase C; essential gene; required for wild-type level of growth, cell wall integrity and penicillin biosynthesis
abnC	An8007	-3,729	Protein with arabinan endo-1,5-alpha-L-arabinosidase activity, involved in degradation of pectin
agnC	An9042	-1,800	Putative alpha-1,3-glucanase
agsA	An5885	-2,531	Putative catalytic subunit of the alpha-1,3 glucan synthase complex; locus contains the conserved upstream open reading frame (uORF) AN5885-uORF
chsF	An4367	-1,609	Putative chitin synthase III with a predicted role in chitin biosynthesis; transcript is induced by nitrate
gelC	An3730	-1,462	Putative 1,3-beta-transglycosidase with a predicted role in glucan processing
gelD	An11152	-5,187	Putative 1,3-beta-transglycosidase with a predicted role in glucan processing; predicted glycosylphosphatidylinositol (GPI)-anchored protein
pgaC	An8327	-2,670	Protein with polygalacturonase activity, involved in degradation of pectin
glaB	An7402	-1,800	Putative glucoamylase with a predicted role in starch metabolism
xlnB	An9365	-2,788	Protein with endo-1,4-beta-xylanase activity, involved in degradation of xylans
Sec. Metabolism			
aatB	An6775	2,276	Protein involved in penicillin biosynthesis, null produces reduced levels of penicillin; partially redundant with aata
fbpZ	An10844	2,180	Putative fructose-2,6-bisphosphate 2-phosphatase
mdpA	An10021	4,330	Regulatory protein; member of the monodictyphenone secondary metabolite biosynthesis gene cluster; similar to aflatoxin coactivator aflJ and O-methyltransferases; required for biosynthesis of monodictyphenone, a prenyl xanthone precursor
mpkB	An3719	1,328	Null mutant is defective in sexual development, hyphal anastomosis, sterigmatocystin biosynthesis and penicillin biosynthesis; similar to <i>S. cerevisiae</i> FUS3; gene expression is induced during sexual development
pkcA	An0106	1,993	Protein kinase C; essential gene; required for wild-type level of growth, cell wall integrity and penicillin biosynthesis
ppoA	An1967	1,969	Putative fatty acid dioxygenase; responsible for the formation of the oxylipin psiB-alpha; PpoA localizes to lipid bodies in Hulle cells and metulae
qutC	An1140	2,832	Dehydroshikimate dehydratase, involved in quinic acid utilization
qutG	An1136	2,627	Putative myo-inositol-1(or 4)-monophosphatase with a predicted role in phospholipid metabolism; transcript inducible by quinate
rsmA	An4562	1,970	Basic leucine zipper (bZIP) type transcription factor involved in regulation of secondary metabolism
tpsA	An5523	2,022	Putative alpha,alpha-trehalose-phosphate synthase (UDP-forming) with a role in trehalose biosynthesis; transcriptionally induced during spore germination and exponential growth; required for viability of conidia during prolonged storage
treA	An9340	1,849	Alpha,alpha-trehalase with a role in trehalose hydrolysis; localized to the conidial cell wall; expression upregulated after exposure to farnesol
vosA	An1959	1,785	Nuclear protein involved in spore formation and trehalose accumulation; potential transcription-activating domain; mutants have low spore viability; two overlapping transcripts; VosA-VelB form a dimeric complex in hyphae grown in the dark
CYP620E1	An1601	1,433	Putative cytochrome P450; O-methylsterigmatocystin oxidoreductase with a predicted role in sterigmatocystin/aflatoxin biosynthesis
apdA	An8412	-3,959	Putative hybrid polyketide synthase-nonribosomal peptide synthase (PKS-NRPS); aspyridone synthetase; member of the aspyridone (apd) gene cluster

Supplementary table 3

bgID	An7915	-3,864	Putative glucosidase; member of the F9775 secondary metabolite gene cluster
bgJI	An7865	-2,055	Putative beta-glucosidase
cipB	An7895	-2,694	Putative oxidoreductase; contains Zn-dependent alcohol dehydrogenase domain; protein expressed at increased levels during osmoadaptation
Siderophore synthesis and transport			
amc-1	An8881	1,840	Predicted siderophore transporter; member of the mitochondrial carrier family
sreA	An0176	1,682	Predicted GATA transcription factor involved in iron uptake, acts as a repressor of siderophore biosynthesis under high-iron conditions; mutants accumulate increased amounts of iron
sidA	An5823	-2,555	L-ornithine N5-monoxygenase; involved in siderophore biosynthesis; null mutant inviable unless medium is supplemented with siderophores
Hyphal morphogenesis			
abpA	An12237	1,490	Putative actin-binding protein of the cortical actin patches involved in endocytosis
ahbB	An10647	1,783	Putative cytochrome P450 protein; involved in hyphal branching; mutant branches excessively
ampB	An8831	1,999	Has domain(s) with predicted cytoplasm localization
bemA	An7030	1,245	Polarisome component required for conidiation and vacuolar fusion; has similarity to <i>Saccharomyces cerevisiae</i> Bem1p
didB	An9396	1,719	Protein involved in the vacuolar protein sorting via the multivesicular body pathway
mipA	An0676	1,579	Gamma-tubulin, essential component of the spindle pole body, required for microtubule function
myoA	An1558	1,392	Putative myosin I; required for secretion and polarized growth
pilA	An5217	2,499	Protein with similarity to sphingolipid long chain base-responsive protein Pil1; putative conserved eisosome component; expression upregulated after farnesol exposure; present at the conidial periphery and in punctate structures in mycelia
pkcA	An0106	1,993	Protein kinase C; essential gene; required for wild-type level of growth, cell wall integrity and penicillin biosynthesis
schA	An4238	1,888	Protein kinase involved in cAMP-dependent signaling during conidial germination; has overlapping functions with PkaA
ptkA	An8865	1,451	Putative cyclin-dependent kinase; PITALRE motif; similarity to <i>S. pombe</i> Cdc9; constitutively expressed throughout development; localized to nucleus but nuclear localization is lost during mitosis
racA	An4743	1,338	Rho GTPase protein required for normal colony growth and conidiophore development; synthetically lethal with modA null
rmtA	An10526	1,650	Arginine methyltransferase
sgdA	An0359	1,462	Putative eIF3b subunit of translation initiation factor 3 (eIF3); required for conidial germination
sgdE	An6010	1,641	Hsp70-family protein; required for conidial germination; protein expressed at increased levels during osmoadaptation
spaA	An3815	1,536	Protein with a role in establishment of cell polarity; ortholog of <i>S. cerevisiae</i> Spa2p
srgA	An6974	1,472	Putative Rab-like GTPase
srgH	An3842	1,271	Putative GTPase required for early endosome trafficking; recruits prototypical Rab5 effectors Vps19, Vps45 and Vps34 and plays the major role in endocytic degradation; involved in vacuolar biogenesis; synthetically lethal with srgG/rabA
ssoA	An3416	1,778	Similar to syntaxin proteins; SsoA-GFP localizes to the plasma membrane and to the hyphal tip
surG	An4615	2,315	Transmembrane domain-containing protein with homology to <i>S. cerevisiae</i> Sur7p; SurG-GFP localizes perinuclearly and to patches in the periphery of spores and to the vacuole and endosomes of hyphae (
swoC	An8851	2,303	Predicted pseudouridylylase, involved in establishment of cell polarity; mutants show defects in anisotropic growth, endocytosis, nuclear distribution and compartmentation; transcript upregulated in response to camptothecin (
swof	An8339	1,272	Putative glycopeptide N-tetradecanoyltransferase involved in control of polar growth; predicted role in protein, peptide, and amino acid metabolism
swoM	An6037	1,472	Putative glucose-6-phosphate isomerase with a predicted role in gluconeogenesis and glycolysis; mutant defective in hyphal polarity and conidiation
vps32	An4240	1,871	Protein with homology to <i>Saccharomyces cerevisiae</i> Snf7p/Vps32p; physically interacts with PaIA; essential for pH signaling; mutants exhibit fragmented vacuoles; required for membrane transport to vacuoles
chiA	An8241	-1,493	Endochitinase with a predicted role in chitin hydrolysis; glycosylphosphatidylinositol (GPI) anchored protein; modified by O-linked glycosylation; localized to germination sites, hyphal branch points and regions of polarized growth
Electron transference and energy production			
ahbB	An10647	1,793	Putative cytochrome P450 protein; involved in hyphal branching; mutant branches excessively
ndiF	An1094	3,192	Putative mitochondrial NADH dehydrogenase (ubiquinone) with a predicted role in energy metabolism
CYP505A8	An6835	3,565	Putative cytochrome P450; expression upregulated after exposure to farnesol
CYP5073A1	An8141	3,080	Putative cytochrome P450
CYP539A4P	An5478	2,461	Putative cytochrome P450; possibly a pseudogene
CYP620E1	An1601	1,433	Putative cytochrome P450; O-methylsterigmatocystin oxidoreductase with a predicted role in sterigmatocystin/afatoxin biosynthesis
CYP646A1	An2596	1,399	Putative cytochrome P450
CYP659A1	An3349	1,513	Putative cytochrome P450
CYP663A1	An7399	1,633	Putative cytochrome P450
CYP671A1	An8338	1,674	Putative cytochrome P450
CYP5128A1	An1703	-1,483	Putative cytochrome P450
CYP52G1	An6057	-2,658	Putative cytochrome P450
CYP537B1	An8905	-1,903	Putative cytochrome P450
CYP584E1	An9384	-1,332	Putative cytochrome P450 alkane hydroxylase
CYP631B1	An3225	-2,814	Putative cytochrome P450
Nucleic acid assembly, organization and integrity			
H4.2	An2426	1,752	Histone H4.2, core histone protein; nearly identical to histone H4.1
bimG	An0410	1,621	Essential protein phosphatase required for the completion of anaphase; uORF encoded in the upstream leader sequence
cgrA	An11145	2,732	Functional ortholog of <i>S. cerevisiae</i> CGR1; nucleolar protein with a predicted role in ribosome biogenesis and rRNA processing
dclA	An0119	2,333	Putative Dicer protein
ddbA	An0596	1,349	Putative DNA damage binding protein involved in the DNA damage response; homolog of human DDB1
gcnE	An3621	1,491	Putative histone acetyltransferase complex component with a role in nucleosome positioning
mshA	An1708	1,465	Putative MutS homolog with a predicted role in DNA mismatch repair; transcript upregulated in response to camptothecin
mtr4	An4412	2,193	Putative nuclear exosomal DEAD-box family RNA helicase; ortholog of <i>S. cerevisiae</i> Mtr4p; expression reduced after exposure to farnesol
nkuB	An4552	1,368	Ortholog of Ku80; 80 kDa subunit of Ku70/Ku80 complex involved in non-homologous double-stranded break repair
prp8	An4523	1,299	Putative component of the catalytic core of the spliceosome involved in pre-mRNA splicing; intein-containing protein; inteins are protein intervening sequences that can self-excite through protein splicing
prpA	An3129	2,735	Putative protein disulfide isomerase; pdiB mRNA levels increase in the presence of farnesol

Supplementary table 3

rrp5	An2147	2,385	Putative ribosomal RNA processing protein; ortholog of <i>S. cerevisiae</i> Rrp5p; expression reduced after exposure to farnesol
rrpB	An4790	1,878	Putative RNA-directed RNA polymerase
spb4	An3176	2,692	ATP-dependent rRNA helicase
top1	An0253	1,839	Putative DNA topoisomerase I; transcript upregulated in response to camptothecin
uvsC	An1237	1,37	Protein with homology to <i>Saccharomyces cerevisiae</i> Rad51p and to bacterial RecA; involved in the DNA damage response; mutants are sensitive to DNA double-strand breaks and have defects in homologous recombination
uvsD	An5165	2,473	Protein involved in G2/M transition DNA damage checkpoint
rsdA	An1519	2,511	Putative Argonaute protein involved in inverted repeat transgene (IRT)-induced RNA silencing
GPase, ATPase and channels			
arlA	An5912	1,757	Predicted ADP ribosylation factor GTPase
BEST1	An2251	1,943	Putative bestrophin-like protein; anion channel capable of transporting a wide range of organic anions across the plasma membrane; currents activated by elevated cytosolic Ca ²⁺
enaB	An1628	2,712	Putative membrane ATPase with a predicted role in energy metabolism
mid1	An8842	1,341	Putative calcium channel; predicted glycosylphosphatidylinositol (GPI)-anchored protein
pmcB	An4920	1,832	Putative calcium-transporting mitochondrial ATPase involved in calcium homeostasis
racA	An4743	1,338	Rho GTPase protein required for normal colony growth and conidiophore development; synthetically lethal with modA null
trkB	An8029	2,473	Putative plasma membrane high affinity K ⁺ transporter
trkC	An10136	1,478	Has domain(s) with predicted cation transmembrane transporter activity and role in cation transport, transmembrane transport (
uapC	An6730	2,214	Low-to-moderate capacity, broad specificity purine permease; putative paralog of UapA; localized to the cell periphery, relocates to vacuoles in the presence of ammonium
vcxA	An0471	2,045	Putative vacuolar H ⁺ /Ca ²⁺ exchanger
atrA	An8928	-4,309	Putative vacuolar membrane ATP-binding cassette (ABC) transporter with a predicted role in multidrug resistance; transcript induced by the fungicide imazalil
Cell cycle			
bimG	An0410	1,621	Essential protein phosphatase required for the completion of anaphase; uORF encoded in the upstream leader sequence
pinA	An6145	1,408	Essential phospho-Ser/Thr-directed peptidyl prolyl-isomerase involved in cell cycle progression; regulates NimA function
ptkA	An8865	1,451	Putative cyclin-dependent kinase; PITALRE motif; similarity to <i>S. pombe</i> Cdc9; constitutively expressed throughout development; localized to nucleus but nuclear localization is lost during mitosis
Cell death			
aifA	An9103	1,988	Putative apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase; mutants display decreased survival in the presence of farnesol or menadione, decreased electron transport; expression upregulated after exposure to farnesol
atfA	An2911	1,946	Basic-region leucine zipper transcription factor; plays a role in the response of conidia to stress; expression upregulated after exposure to farnesol
casA	An5712	2,157	Putative metacaspase
cdc37	An2051	1,350	Putative Hsp90p co-chaperone linked to a regulatory pathway that controls autophagy; protein repressed by and starvation- and rapamycin-induced autophagy
chIB	An4871	1,810	Class V chitinase; glycoside hydrolase family 18 (GH18) protein with a role in the age-dependent autolysis
pho8	An10563	1,742	Putative vacuolar alkaline phosphatase with a predicted role in the autophagy pathway; induced by carbon starvation-induced autophagy
prpA	An3129	2,735	Putative protein disulfide isomerase; pdiB mRNA levels increase in the presence of farnesol
chiA	An8241	-1,493	Endochitinase with a predicted role in chitin hydrolysis; glycosylphosphatidylinositol (GPI) anchored protein; modified by O-linked glycosylation; localized to germination sites, hyphal branch points and regions of polarized growth
pepJ	An7962	-1,988	Extracellular deuterolysin-type metallo-proteinase
Nuclear transport			
kap1	An5717	1,443	Non-essential karyopherin family protein; required for normal hyphal growth and conidial development; predicted to contain five HEAT (huntingtin-elongation-A subunit-TOR) motifs
nic96	An6980	1,666	Component of the nuclear pore complex
nup2	An5485	1,690	Putative nuclear pore complex protein with low homology to <i>Saccharomyces cerevisiae</i> Nup2p
nup57	An1064	1,773	Putative nuclear pore complex protein with homology to <i>Saccharomyces cerevisiae</i> Nup57p
nup84	An1190	1,428	Putative nuclear pore complex protein with homology to <i>Saccharomyces cerevisiae</i> Nup84p; synthetically lethal with ndc1 mutation
ran	An5483	1,437	Putative Ran GTPase, GTP binding protein; protein abundance decreased by menadione stress; palA-dependent expression independent of pH
GPCR and het. G proteins			
fadA	An0651	1,461	Alpha subunit of a heterotrimeric G protein composed of FadA, SfaD, GpgA and involved in regulation of proliferation and conidiophore development; mutant produces increased amounts of extracellular proteinase during carbon starvation
gpgA	An2742	1,348	Gamma subunit of a heterotrimeric G protein composed of FadA, SfaD, GpgA and involved in regulation of proliferation and development; mutants show abnormal conidiation and are defective in formation of cleistothecia
gprC	An3765	1,470	Putative G-protein coupled receptor
gprE	An9199	1,311	Putative G-protein coupled receptor
gprI	An8348	3,937	Putative G-protein coupled receptor
gprJ	An5720	2,955	Putative G-protein coupled receptor; has a PQ-loop repeat
Sexual development			
cpcA	An3675	2,859	Transcription factor of the Gcn4p c-Jun-like transcriptional activator family; involved in cross-pathway control of amino acid biosynthesis in response to amino acid starvation; role in sexual development; contains two 5' uORFs
esdC	An9121	2,742	Protein with a glycogen binding domain involved in sexual development; regulated by VeA and FlbA
fhpA	An4521	2,971	Forkhead domain protein with a possible role in sexual development
fphA	An9008	1,475	Phytochrome photoreceptor, a red-light sensor that represses sexual development under red light; binds chromophore biliverdin; interacts with VeA and LreB
lreB	An3607	1,901	Putative zinc-finger transcription factor involved in blue-light responsive differentiation; interacts with VeA, FphA, and LreA; similar to <i>N. crassa</i> blue-light-sensing component WC-2
mnpA	An10311	2,128	Putative hyphal cell wall mannoprotein; expression is transcriptionally upregulated during sexual development; expression is flbA-, fadA- and veA-dependent; present in the hyphal cell wall, absent from the conidial cell wall
mpkB	An3719	1,328	Null mutant is defective in sexual development, hyphal anastomosis, strigimotocystin biosynthesis and penicillin biosynthesis; similar to <i>S. cerevisiae</i> FUS3; gene expression is induced during sexual development
nsdC	An4263	1,3	C2H2 zinc finger transcription factor; required for sexual development; vegetative growth reduced and asexual development derepressed in null mutant; mRNA increased during sexual development and under hypoxic conditions
pho80	An5156	1,587	Pho80-like cyclin involved in regulation of development and phosphate homeostasis; interacts with the cyclin-dependent kinase PhoA

Supplementary table 3

ppgA	An5791	1,969	Predicted pheromone precursor; encodes two copies of a peptide similar to <i>S. cerevisiae</i> alpha-factor, which is subject to proteolytic processing
ppoA	An1967	1,969	Putative fatty acid dioxygenase; responsible for the formation of the oxylipin psiB-alpha; PpoA localizes to lipid bodies in Hulle cells and metulae
rosA	An5170	1,714	Putative Zn(II)2Cys6 transcription factor; negative regulator of sexual development
veA	An1052	1,386	Protein involved in light-sensitive control of differentiation and secondary metabolism; localizes to the nucleus in dark and to both nucleus and cytoplasm in the light; induced by light; AspGD sequence represents the veA1 mutant allele
vosA	An1959	1,785	Nuclear protein involved in spore formation and trehalose accumulation; potential transcription-activating domain; mutants have low spore viability; two overlapping transcripts; VosA-VelB form a dimeric complex in hyphae grown in the dark
fhbA	An7169	-2,103	NirA-dependent flavohemoprotein; required for nitrate and nitrite reductase enzyme activity, regulates sexual development; menadione stress-induced protein; induced by nitrate; palA-dependent, pH-independent expression
Fatty acid metabolism			
accA	An6126	1,808	Putative acetyl-CoA carboxylase with a predicted role in cytosolic fatty acid formation
bioF	An6645	1,403	Putative 8-amino-7-oxononanoate synthase with a predicted role in Coenzyme A and pantothenate biosynthesis
choC	An1376	1,338	Putative methylene-fatty-acyl-phospholipid synthase with a predicted role in phospholipid metabolism
faaA	An6014	1,639	Putative long-chain-fatty-acid-CoA ligase with a predicted role in fatty acid metabolism
fasA	An9407	2,539	Fatty acid synthase, alpha subunit; multifunctional enzyme with a predicted role in cytosolic fatty acid biosynthesis
fasB	An9408	2,033	Fatty acid synthase, beta subunit; multifunctional enzyme with a predicted role in cytosolic fatty acid formation
pldA	An6712	2,489	Putative phospholipase D; expression upregulated after exposure to farnesol
ppoA	An1967	1,969	Putative fatty acid dioxygenase; responsible for the formation of the oxylipin psiB-alpha; PpoA localizes to lipid bodies in Hulle cells and metulae
sdeA	An6731	2,117	Putative delta-9-stearic acid desaturase; converts palmitic acid and stearic acid to palmitoleic acid and oleic acid; null mutant has increased fatty acid content; synthetically lethal with sdeB mutation; expression reduced by farnesol
Oxidative and other stress response			
aifA	An9103	1,988	Putative apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase; mutants display decreased survival in the presence of farnesol or menadione, decreased electron transport; expression upregulated after exposure to farnesol
atfA	An2911	1,946	Basic-region leucine zipper transcription factor; plays a role in the response of conidia to stress; expression upregulated after exposure to farnesol
awh11	An3725	4,076	Developmentally regulated protein with similarity to <i>Candida albicans</i> Wh11p; transcription is repressed by StuA; expression upregulated after exposure to farnesol
bop1	An1367	2,342	Putative WD40 repeat nucleolar protein; ortholog of <i>S. cerevisiae</i> Erb1p which has role in rRNA processing and ribosomal large subunit biogenesis; expression reduced after exposure to farnesol
catA	An8637	3,172	<i>Conidia</i> -specific catalase; predicted role in gluconic acid and gluconate metabolism
catC	An5918	1,888	Putative catalase with a predicted role in gluconic acid and gluconate metabolism
ccp1	An10220	1,638	Putative cytochrome c peroxidase; intracellular; protein abundance decreased by menadione stress
codA	An1429	2,420	Putative choline oxidase; intracellular, menadione stress-induced protein
cpeA	An7388	2,768	Putative catalase-peroxidase with a predicted role in gluconic acid and gluconate metabolism; protein also identified as laccase II which is expressed during sexual development
eifA	An9304	2,043	Glutathione S-transferase; upregulated in <i>A. oryzae</i> and <i>A. nidulans</i> under hypoxic growth conditions
gpxA	An2846	1,376	Putative glutathione peroxidase with a predicted role in glutathione biosynthesis
gstB	An6024	2,285	Protein with glutathione S-transferase and glutathione peroxidase activities; intracellular, menadione stress-induced protein
halA	An8830	2,480	Predicted protein kinase involved in halotolerance; suppressor of molybdate sensitivity of pacC mutant
hogA	An1017	2,128	Putative mitogen-activated protein kinase (MAPK) involved in osmotic stress response; highly up-regulated under osmotic stress conditions; required for sexual development and sporulation
cyp4	An9420	1,506	Putative peptidyl-prolyl cis-trans isomerase H (PPIase)
cyp7	An4583	1,704	Putative peptidyl-prolyl cis-trans isomerase D (PPIase); cyclophilin family member; protein abundance decreased by menadione stress; transcript levels increase during the unfolded-protein response (UPR) and in response to camptothecin
mid1	An8842	1,341	Putative calcium channel; predicted glycosylphosphatidylinositol (GPI)-anchored protein
mpkB	An3719	1,328	Null mutant is defective in sexual development, hyphal anastomosis, sterigmatocystin biosynthesis and penicillin biosynthesis; similar to <i>S. cerevisiae</i> FUS3; gene expression is induced during sexual development
msrA	An10562	1,535	Putative methionine sulfoxide reductase with a predicted role in the reduction of methionine sulfoxide to methionine
msrB	An1932	2,231	Putative methionine sulfoxide reductase with a predicted role in the reduction of methionine sulfoxide to methionine
mtr4	An4412	2,193	Putative nuclear exosomal DEAD-box family RNA helicase; ortholog of <i>S. cerevisiae</i> Mtr4p; expression reduced after exposure to farnesol
napA	An7513	1,746	Homologous to bZIP family transcription factor human AP-1 and <i>Aspergillus nidulans</i> AtfA
nop10	An8254	2,104	Putative snoRNP complex protein; ortholog of <i>S. cerevisiae</i> Nop10p; expression reduced after exposure to farnesol
nop58	An3167	2,954	Putative ribosome biogenesis protein; ortholog of <i>S. cerevisiae</i> Nop58p; expression reduced after exposure to farnesol
pbsA	An0931	1,563	Mitogen activated protein kinase kinase (MAPKK) of the HOG signaling pathway that regulates osmotic stress response
pgmA	An3059	2,942	Putative phosphoglycerate mutase with a predicted role in gluconeogenesis and glycolysis; expression upregulated after exposure to farnesol
pkcA	An0106	1,993	Protein kinase C; essential gene; required for wild-type level of growth, cell wall integrity and penicillin biosynthesis
ptpA	An6982	2,298	Putative phosphotyrosine-specific protein phosphatase of the HOG signaling pathway that regulates osmotic stress response
ran	An5483	1,437	Putative Ran GTPase, GTP binding protein; protein abundance decreased by menadione stress; palA-dependent expression independent of pH
rcnA	An6249	2,525	Putative calcineurin binding protein, calcipressin
rmtA	An10526	1,650	Arginine methyltransferase
sgdE	An6010	1,641	Hsp70-family protein; required for conidial germination; protein expressed at increased levels during osmoadaptation
shoA	An7698	1,657	Putative transmembrane osmosensor, equivalent to <i>S. cerevisiae</i> Sho1p which activates MAP kinase-dependent high-osmolarity glycerol response pathway
shtA	An2919	2,338	C2H2 zinc-finger transcription factor involved in cation homeostasis; involved in response to abiotic stress; transcript upregulated in response to camptothecin; necessary for growth on pH 8 medium
srrA	An3688	2,994	Response regulator, part of a two-component signal transduction system involved in control of stress response and conidiation; transcript induced by hydrogen peroxide
srrC	An4134	1,632	Putative kinase response regulator of a two-component phosphorelay system
ypdA	An2005	1,777	Histidine-containing phosphotransfer protein, part of a two-component signal transducer involved in the HOG signaling pathway that regulates osmotic stress response
CYP505A8	An6835	3,565	Putative cytochrome P450; expression upregulated after exposure to farnesol
atrA	An8928	-4,309	Putative plasma membrane ATP-binding cassette (ABC) transporter with a predicted role in multidrug resistance; transcript induced by the fungicide imazalil
cipB	An7895	-2,694	Putative oxidoreductase; contains Zn-dependent alcohol dehydrogenase domain; protein expressed at increased levels during osmoadaptation
fhbA	An7169	-2,103	NirA-dependent flavohemoprotein; required for nitrate and nitrite reductase enzyme activity, regulates sexual development; menadione stress-induced protein; induced by nitrate; palA-dependent, pH-independent expression
Primary C and N metabolism			
accA	An6126	1,808	Putative acetyl-CoA carboxylase with a predicted role in cytosolic fatty acid formation
aciA	An2435	1,776	Putative ATP citrate synthase with a predicted role in TCA intermediate metabolism; transcript downregulated upon shift from glucose to ethanol and after exposure to farnesol
aciB	An2436	2,316	Putative ATP citrate synthase with a predicted role in TCA intermediate metabolism; transcript downregulated upon shift from glucose to ethanol and after exposure to farnesol
acuE	An6653	2,049	Malate synthase, required for utilization of acetate as carbon source; transcription induction by acetate mediated by FacB; carbon catabolite repression mediated by CreA; transcription induction by long-chain fatty acids mediated by FarA
acuF	An1918	3,365	Putative phosphoenolpyruvate carboxylase with a predicted role in gluconeogenesis and glycolysis; transcriptionally induced by acetate and after exposure to farnesol

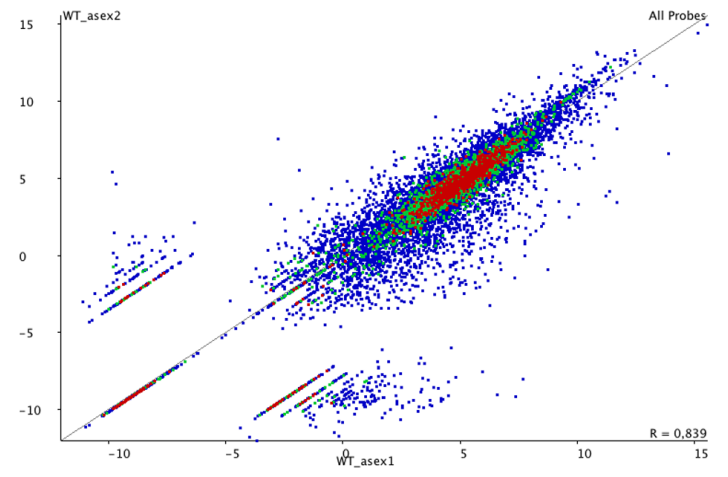
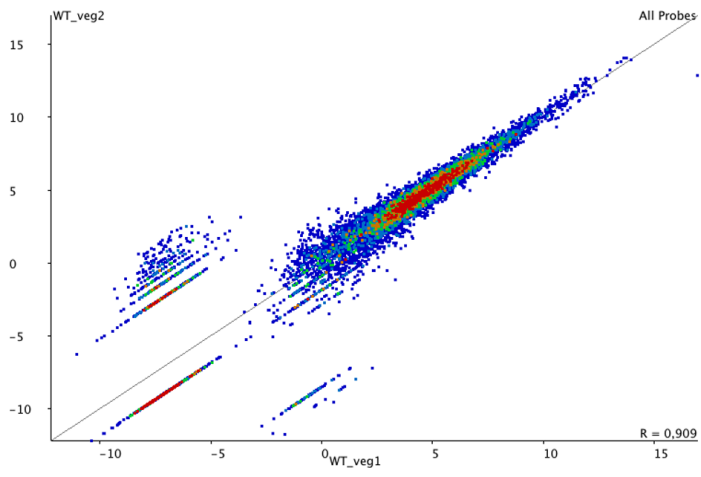
Supplementary table 3

acuG	An5604	2,388	Putative fructose-bisphosphatase with a predicted role in gluconeogenesis and glycolysis; intracellular; protein abundance decreased by menadione stress; expression upregulated after exposure to farnesol
agaA	An2901	2,037	Arginase, catalyzes hydrolysis of arginine to urea and ornithine in the arginine catabolic pathway; induced by arginine and repressed by ammonium
alcU	An8982	3,93	Predicted protein of unknown function; member of the alc gene cluster
arcA	An0202	1,766	Putative zinc-finger transcription factor of the Zn(II)2Cys6 type involved in regulation of arginine catabolism; acts as a transcriptional activator of arginase (agaA) and ornithine transaminase (otaA) genes
areA	An8667	1,462	Wide-domain GATA-type transcription factor; mediates nitrogen metabolite repression; transcript induced by nitrogen starvation and degraded in response to ammonium or glutamine; AreA accumulates in the nucleus during nitrogen starvation
areG	An0354	2,539	Putative 3-deoxy-D-arabino-heptulosonate 7-phosphate synthase with a predicted role in aromatic amino acid family biosynthesis; protein expressed at increased levels in a hapX mutant versus wild-type; feedback-inhibited by phenylalanine
aromA	An0708	1,972	Putative pentafunctional AROM polypeptide with 3-dehydroquinate synthase, 3-dehydroquinate dehydratase, shikimate 5-dehydrogenase, shikimate kinase, and EPS5 synthase activities; has a predicted role in aromatic amino acid biosynthesis
azgA	An8534	2,576	Purine transporter with high affinity for hypoxanthine and adenine; takes up purines for nucleotide salvage and as nitrogen sources; induced by uric acid; regulated by UaY and AreA
carC	An8793	1,504	Putative succinate dehydrogenase (ubiquinone) with a predicted role in the TCA cycle; paA-dependent expression independent of pH
cpa	An2243	1,828	Putative carbamoyl-phosphate synthase or aspartate carbamoyltransferase with a predicted role in arginine or pyrimidine metabolism
cpcA	An3675	2,859	Transcription factor of the Gcn4p c-Jun-like transcriptional activator family; involved in cross-pathway control of amino acid biosynthesis in response to amino acid starvation; role in sexual development; contains two 5' uORFs
creA	An6195	1,619	Transcriptional regulator that mediates carbon catabolite repression; mutants display increased extracellular protease activity
dfgC	An0393	1,373	Putative endo-mannanase GH76 family protein; predicted type I transmembrane protein
facB	An0689	1,464	Transcription factor containing a Zn(II)2-Cys6 binuclear DNA-binding cluster domain; activates transcription of genes required for acetate utilization; active form is likely a dimer formed via leucine zipper-like repeats; induced by acetate
facC	An1059	1,403	Carnitine acetyltransferase, required for utilization of acetate as carbon source; transcriptional induction by acetate is mediated by FacB; carbon catabolite repression is mediated by CreA; predicted role in the carnitine shuttle
fbaA	An2875	1,94	Putative fructose-bisphosphate aldolase with a predicted role in gluconeogenesis and glycolysis; intracellular, menadione stress-induced protein; paA-dependent expression independent of pH
fbpZ	An10844	2,18	Putative fructose-2,6-bisphosphate 2-phosphatase
gfdA	An0351	1,32	Putative NAD+ dependent glycerol-3-phosphate dehydrogenase with a predicted role in glycerol metabolism
gfdB	An6792	2,856	Putative NAD+ dependent glycerol 3-phosphate dehydrogenase with a predicted role in glycerol metabolism
gldB	An5563	1,654	Putative dehydrogenase with a predicted role in carbohydrate metabolism; NADP+-dependent glycerol dehydrogenase; required for osmotolerance; transcript downregulated by growth in glycerol; expression upregulated after exposure to farnesol
glikA	An8689	1,418	Putative glucokinase; ORF that was absent from the original release of version 4 of the A. nidulans annotation, but present in a previous version
gmtA	An8848	1,328	Putative GDP-mannose transporter
gsdA	An2981	1,576	Putative glucose 6-phosphate 1-dehydrogenase with a predicted role in the pentose-phosphate shunt; intracellular, menadione stress-induced protein; transcript downregulated by growth in ethanol
hisHF	An7430	1,347	Putative glutamine amidotransferase with a predicted role in histidine metabolism
gukA	An3641	1,931	Ortholog(s) have gluconokinase activity, role in D-gluconate metabolic process and cytosol, nucleus localization
hulA	An1339	1,482	Putative HECT ubiquitin ligase
hxA	An5613	3,039	Xanthine dehydrogenase (purine hydroxylase I) involved in purine catabolism; requires a molybdenum cofactor for function; induction by uric acid requires the product of the uaY regulatory gene
hxB	An1637	1,825	Putative molybdenum cofactor sulfuryase; mutants fail to accumulate uric acid; necessary for post translational modification of xanthine dehydrogenase and purine hydroxylase II; nitrogen metabolite repression mediated by AreA
hxkA	An7459	1,899	Putative hexokinase with a predicted role in carbohydrate metabolism
ileA	An3830	1,343	L-threonine dehydratase with a predicted role in glycine, serine, and threonine metabolism
jlbA	An1812	2,428	bZIP transcription factor; induced in response to amino acid starvation
kgdB	An3466	1,388	Putative dihydroliipoamide S-succinyl transferase with a predicted role in the TCA cycle (
maeA	An6168	2,636	Putative malate dehydrogenase with a predicted role in oxidation of malate to pyruvate
maiA	An1895	1,841	Maleyl-acetoacetate isomerase, enzyme involved in phenylalanine catabolism
meaA	An7463	1,752	Major ammonium transporter of A. nidulans; transcript upregulated by nitrate limitation
meaB	An4900	2,96	Putative bZIP DNA-binding protein involved in regulating nitrogen metabolite repression
metE	An2229	1,979	Putative O-acetyltransferase with a predicted role in amino acid metabolism
mns1B	An0787	1,454	Putative mannosyl-oligosaccharide 1,2-alpha-mannosidase with a predicted role in mannose polymer metabolism
msrA	An10562	1,735	Putative methionine sulfoxide reductase with a predicted role in the reduction of methionine sulfoxide to methionine
msrB	An1932	2,231	Putative methionine sulfoxide reductase with a predicted role in the reduction of methionine sulfoxide to methionine
nadA	An6078	3,122	Adenine deaminase with a role in nucleotide salvage pathways; induced by ammonium, uric acid and adenosine; nadA mRNA levels regulated by UaY and AreA; ortholog of Saccharomyces cerevisiae Aah1p and Schizosaccharomyces pombe dea2
otaA	An1810	2,277	Ornithine transaminase, involved in utilization of arginine as a proline source; arginine-induced expression and activity; subject to carbon-catabolite and nitrogen-metabolite repression; regulated by CreA and AreA; stress-induced protein
pdbB	An5162	1,549	Putative pyruvate dehydrogenase (lipoamide) with a predicted role in pyruvate metabolism
pdcC	An9403	1,548	Putative pyruvate dehydrogenase (lipoamide) with a predicted role in pyruvate metabolism
pgmA	An3059	2,942	Putative phosphoglycerate mutase with a predicted role in gluconeogenesis and glycolysis; expression upregulated after exposure to farnesol
phk	An4913	2,507	Putative phosphoketolase with a predicted role in the phosphoketolase pathway
phoA	An8261	2,273	Putative acid phosphatase with a predicted role in gluconic acid and gluconate metabolism
pyrABCN	An0565	2,951	Multifunctional enzyme with carbamoyl-phosphate synthase (CPSase) and aspartate carbamoyltransferase (ATCase) activities that catalyze the first two steps in pyrimidine biosynthesis
pyroA	An7725	2,114	Protein required for biosynthesis of pyridoxine; highly conserved throughout fungi, plants and bacteria
qutC	An1140	2,832	Dehydroshikimate dehydratase, involved in quinic acid utilization
qutG	An1136	2,627	Putative myo-inositol-1(or 4)-monophosphatase with a predicted role in phospholipid metabolism; transcript inducible by quinate
swoC	An8851	2,303	Predicted pseudouridylylase synthase, involved in establishment of cell polarity; mutants show defects in anisotropic growth, endocytosis, nuclear distribution and compartmentation; transcript upregulated in response to camptothecin
swoF	An3839	1,272	Putative glycopeptide N-tetradecanoyltransferase involved in control of polar growth; predicted role in protein, peptide, and amino acid metabolism
swoM	An6037	1,472	Putative glucose-6-phosphate isomerase with a predicted role in gluconeogenesis and glycolysis; mutant defective in hyphal polarity and conidiation
tpiB	An5908	1,65	Putative triose-phosphate isomerase with a predicted role in glycolysis
uaW	An0070	2,051	2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazole (OHCU) decarboxylase; involved in purine utilization; inducible by uric acid and repressible by ammonium; under the control of the UaY protein
uaX	An2910	3,652	5-hydroxyisourate hydrolase; involved in purine utilisation; inducible by uric acid and repressible by ammonium; regulated by the UaY protein
uaZ	An9470	2,22	Urate oxidase; catalyzes the formation of 5-hydroxy-isourate; regulated by UaY and AreA; putative sites for copper binding and a canonical PTS2 peroxisomal localization sequence
uapC	An6730	2,214	Low-to-moderate capacity, broad specificity purine permease; putative paralog of UapA; localized to the cell periphery, relocates to vacuoles in the presence of ammonium
xanA	An10081	2,749	Alpha-ketoglutarate-dependent xanthine dioxygenase involved in the oxidation of xanthine to uric acid; regulated by uaY and AreA transcription factors; the 5' region of xanA is included in a heltron fragment and is duplicated in the genome
aciA	An6525	-2,285	Putative formate dehydrogenase with a predicted role in oxalic acid metabolism; intracellular; protein abundance decreased by menadione stress; inducible by acetate; expression reduced after exposure to farnesol
agdE	An0941	-2,093	Protein with alpha-glucosidase activity, predicted role in maltose metabolism; transcriptionally induced by isomaltose in an amyR-dependent manner
alcC	An2286	-3,081	Alcohol dehydrogenase III with a predicted role in two-carbon compound metabolism; required for long-term survival under anaerobic conditions; regulated at both the transcriptional and translational levels
ladB	An4366	-1,814	Putative L-arabinitol 4-dehydrogenase with a predicted role in L-arabinose/arabitol and D-xylose/D,L-xylose/xylitol metabolism
niiA	An1007	-1,798	Putative nitrite reductase with a predicted role in nitrogen metabolism; transcript stabilized by intracellular nitrate
pacA	An7142	-3,153	Putative secreted acid phosphatase with a predicted role in gluconic acid and gluconate metabolism
pdkA	An5843	-3,105	Putative pyruvate, water dikinase
uaY	An0891	-1,455	Zn(2)-Cys(6) binuclear cluster domain transcription factor required for positive regulation of genes involved in purine degradation pathway in response to uric acid; homology to Neurospora crassa pco-1
CYP584E1	An9384	-1,332	Putative cytochrome P450 alkane hydroxylase

Supplementary table 3

Unknown cellular process or other	An_____	log 2FC	Description
chpA	An10148	2,33	
creD	An4170	1,517	
dicA	An6254	2,029	
faoA	An8123	4,143	
hapE	An6492	1,375	
hk2	An7945	1,813	
hsp104	An0858	1,839	
hulE	An1966	1,848	
cwc27	An8061	1,661	
cyp1	An8605	1,768	
cyp8	An9095	2,12	
cyp9	An6894	1,417	
napB	An8170	2,31	
nsa2	An2926	1,999	
palcA	An8271	2,201	
par1	An4069	1,855	
pdeB	An2740	3,089	
phbB	An6861	1,815	
pkcB	An5973	1,284	
rhbA	An8868	1,346	
sds3	An3178	1,61	
spgA	An7206	1,535	
srgL	An0069	1,365	
usgS	An4578	2,395	
iccD	An0878	-1,518	

Supplementary figure 1



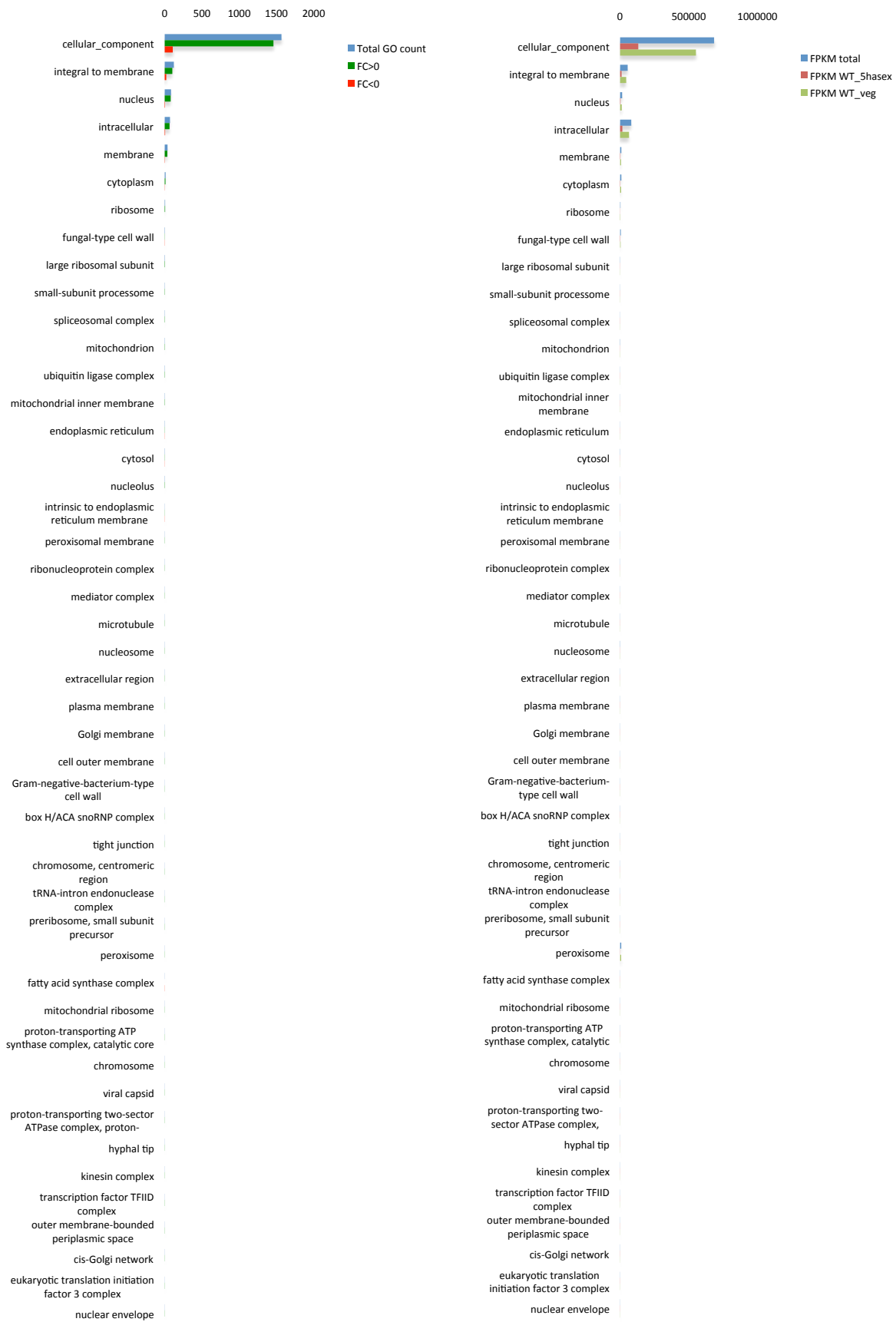
Supplementary figure 2

Cellular Component

GO term	Total GO count	FC>0	FC<0	FPKM total	FPKM WT_5hasex	FPKM WT_veg	FPKM WT_veg-WT_5hasex when FC>0	FPKM WT_5hasex-WT_veg when FC<0
cellular_component	1567	1459	108	684197,4621	132178,0607	552019,4014	432352,3469	12511,00625
integral to membrane	123	102	21	54987,78004	10594,34812	44393,43192	34951,90873	1152,824917
nucleus	85	80	5	14818,12132	3095,74709	11722,37423	8744,75193	118,12479
intracellular	71	65	6	81232,73863	16380,987	64851,75163	52183,26732	3712,50269
membrane	38	35	3	9054,855781	2396,922511	6657,93327	4574,013239	313,00248
cytoplasm	12	10	2	9119,11391	1827,3682	7291,74571	5811,9216	347,54409
ribosome	6	6	0	2582,9792	598,0642	1984,915	1386,8508	0
fungal-type cell wall	4	2	2	5130,57637	1762,448	3368,12837	2524,2864	918,60603
large ribosomal subunit	4	4	0	1310,58	277,864	1032,716	754,852	0
small-subunit processome	3	3	0	303,8705	62,9458	240,9247	177,9789	0
spliceosomal complex	3	3	0	872,4671	212,5884	659,8787	447,2903	0
mitochondrion	3	3	0	1627,4655	456,8705	1170,595	713,7245	0
ubiquitin ligase complex	3	3	0	432,48268	98,34208	334,1406	235,79852	0
mitochondrial inner membrane	3	3	0	487,0928	117,4748	369,618	252,1432	0
endoplasmic reticulum	3	2	1	436,6902	122,0625	314,6277	232,6435	40,0783
cytosol	3	2	1	1325,2589	722,0299	603,229	353,5191	472,32
nucleolus	3	3	0	666,0421	90,4741	575,568	485,0939	0
intrinsic to endoplasmic reticulum membrane	2	1	1	130,11129	49,0105	81,10079	53,2506	21,16031
peroxisomal membrane	2	2	0	295,78768	41,17178	254,6159	213,44412	0
ribonucleoprotein complex	2	2	0	992,8109	167,723	825,0879	657,3649	0
mediator complex	2	2	0	414,637	105,332	309,305	203,973	0
microtubule	2	2	0	129,51841	18,68291	110,8355	92,15259	0
nucleosome	2	2	0	1513,378	373,582	1139,796	766,214	0
extracellular region	2	2	0	105,20054	17,62704	87,5735	69,94646	0
plasma membrane	2	2	0	94,9145	17,593	77,3215	59,7285	0
Golgi membrane	2	2	0	507,0191	112,2531	394,766	282,5129	0
cell outer membrane	2	2	0	348,93749	91,07249	257,865	166,79251	0
Gram-negative-bacterium-type cell wall	1	1	0	794,3262	96,3152	698,011	601,6958	0
box H/ACA snoRNP complex	1	1	0	1068,555	228,482	840,073	611,591	0
tight junction	1	1	0	816,116	219,004	597,112	378,108	0
chromosome, centromeric region	1	1	0	177,2641	46,5301	130,734	84,2039	0
tRNA-intron endonuclease complex	1	1	0	130,3955	31,6422	98,7533	67,1111	0
preribosome, small subunit precursor	1	1	0	104,8789	18,9086	85,9703	67,0617	0
peroxisome	1	1	0	8222,404	618,604	7603,8	6985,196	0
fatty acid synthase complex	1	0	1	10,81202	9,31054	1,50148	0	7,80906
mitochondrial ribosome	1	1	0	351,1766	88,8486	262,328	173,4794	0
proton-transporting ATP synthase complex, catalytic core F(1)	1	1	0	6,866202	0,554272	6,31193	5,757658	0
chromosome	1	1	0	23,20958	3,61888	19,5907	15,97182	0
viral capsid	1	1	0	104,1798	27,2096	76,9702	49,7606	0
proton-transporting two-sector ATPase complex, proton-transporting domain	1	1	0	35,10226	5,78066	29,3216	23,54094	0
hyphal tip	1	1	0	247,1804	57,9074	189,273	131,3656	0
kinesin complex	1	1	0	26,73645	5,53535	21,2011	15,66575	0
transcription factor TFIID complex	1	1	0	107,2897	29,401	77,8887	48,4877	0
outer membrane-bounded periplasmic space	1	1	0	301,3449	73,1999	228,145	154,9451	0
cis-Golgi network	1	1	0	273,2399	60,4459	212,794	152,3481	0
eukaryotic translation initiation factor 3 complex	1	1	0	419,917	103,683	316,234	212,551	0
nuclear envelope	1	1	0	167,9551	27,8381	140,117	112,2789	0

Supplementary figure 2

Cellular Component



Supplementary figure 2

Molecular Function

GO term	Total GO count	FC>0	FC<0	FPKM total	FPKM WT_5hasex	FPKM WT_veg	FPKM WT_veg-WT_5has	FPKM WT_5hasex-WT_veg when FC<0
molecular_function	1040	979	61	609554,2764	113900,0895	495654,1869	395039,7415	13285,64411
zinc ion binding	131	120	11	23201,42738	5020,723775	18180,7036	13523,5991	363,61927
ATP binding	116	111	5	28749,98287	5472,066283	23277,91658	17869,87705	64,026748
nucleotide binding	106	103	3	31435,42716	5953,168944	25482,25822	19550,32127	21,231994
nucleic acid binding	78	76	2	15639,32088	2967,123988	12672,19689	9731,508862	26,43596
oxidoreductase activity	77	66	11	15739,55947	3575,860041	12163,69943	8929,034729	341,195338
DNA binding	70	66	4	27189,89865	5266,86726	21923,03139	16732,18482	76,02069
sequence-specific DNA binding transcription factor activity	56	50	6	5796,57317	1439,61802	4356,95515	3055,085	137,74787
binding	35	34	1	6056,688639	1391,646139	4665,0425	3351,360461	77,9641
catalytic activity	32	27	5	5948,38227	1117,67965	4830,70262	3798,01836	84,99539
RNA binding	28	28	0	4977,28578	1031,2699	3946,01588	2914,74598	0
flavin adenine dinucleotide binding	25	14	11	2451,867489	800,616479	1651,25101	1170,614311	319,97978
hydrolase activity	23	22	1	11391,66427	2193,60059	9198,06368	7044,05244	39,58935
ATP-dependent helicase activity	21	20	1	4545,10524	828,77991	3716,32533	2894,3583	6,81288
GTP binding	20	20	0	5342,27171	1233,23701	4109,0347	2875,79769	0
nucleoside-triphosphatase activity	14	14	0	2363,11859	523,60869	1839,5099	1315,90121	0
protein serine/threonine kinase activity	13	13	0	4287,601463	791,710423	3495,89104	2704,180617	0
DNA-directed RNA polymerase activity	12	12	0	1632,49691	273,58131	1358,9156	1085,33429	0
substrate-specific transmembrane transporter activity	12	10	2	1353,260528	265,01586	1088,244668	846,4379	23,209092
structural constituent of ribosome	11	11	0	4244,7358	964,7768	3279,959	2315,1822	0
calcium ion binding	11	11	0	2305,31966	537,90276	1767,4169	1229,51414	0
heat shock protein binding	11	11	0	4725,58372	993,21722	3732,3665	2739,14928	0
iron ion binding	10	7	3	6675,904547	1474,503207	5201,40134	3883,352373	156,45424
pyridoxal phosphate binding	10	9	1	2761,42084	645,87211	2115,54873	1548,20642	78,5298
cation binding	10	5	5	2781,932681	751,8004	2030,132281	1472,1971	193,865219
FMN binding	10	8	2	1581,59524	422,5119	1159,08334	834,6066	98,03516
transferase activity, transferring acyl groups other than amino-acyl groups	10	8	2	365,332247	78,580952	286,751295	222,153828	13,983485
metal ion transmembrane transporter activity	9	9	0	1439,64739	261,00409	1178,6433	917,63921	0
sequence-specific DNA binding	9	9	0	1862,47508	433,00678	1429,4683	996,46152	0
NAD binding	9	6	3	7371,578143	2256,474833	5115,10331	3694,284567	835,65609
electron carrier activity	9	7	2	3005,64728	1424,89645	1580,75083	942,66755	786,81317
GTPase activity	9	9	0	1039,4632	239,1445	800,3187	561,1742	0
magnesium ion binding	9	9	0	7021,58691	1390,6889	5630,89801	4240,20911	0
coenzyme binding	8	8	0	8275,74194	1194,63546	7081,10648	5886,47102	0
hydrolase activity, acting on ester bonds	8	5	3	1729,02875	564,26318	1164,76557	801,65122	201,14883
N-acetyltransferase activity	8	8	0	1845,31842	322,72622	1522,5922	1199,86598	0
NADP binding	8	5	3	1915,50914	453,3063	1462,20284	1078,4247	69,52816
protein tyrosine kinase activity	8	8	0	1430,401033	275,919993	1154,48104	878,561047	0
acyl carrier activity	8	5	3	420,352818	95,478662	324,874156	246,554728	17,159234
monooxygenase activity	8	3	5	430,055663	260,36391	169,691753	94,08649	184,758647
translation initiation factor activity	8	8	0	2031,23687	511,84747	1519,3894	1007,54193	0
helicase activity	8	8	0	503,89153	123,17703	380,7145	257,53747	0
ATPase activity, coupled to transmembrane movement of substances	7	5	2	451,493914	92,71678	358,777134	297,94412	31,883766
cofactor binding	7	5	2	507,637314	113,81714	393,820174	291,68219	11,679156
iron-sulfur cluster binding	7	7	0	3767,4134	825,2246	2942,1888	2116,9642	0
ATPase activity	7	7	0	3068,99525	370,86637	2698,12888	2327,26251	0
metal ion binding	7	6	1	2212,07218	424,1263	1787,94588	1377,9301	14,11052
phosphopantetheine binding	7	4	3	415,490816	94,98168	320,509136	242,68669	17,159234
methyltransferase activity	7	7	0	991,18939	209,71929	781,4701	571,75081	0
UDP-N-acetylmuramate dehydrogenase activity	7	5	2	333,98177	145,1722	188,80957	111,00541	67,36804
unfolded protein binding	6	6	0	2088,8106	461,6007	1627,2099	1165,6092	0
structural molecule activity	6	6	0	2782,12541	662,82191	2119,3035	1456,48159	0
protein dimerization activity	6	6	0	1059,2729	240,5037	818,7692	578,2655	0
oxidoreductase activity, acting on the aldehyde or oxo group of donors, NAD or NADP as acceptor	6	4	2	1210,55911	601,8778	608,68131	354,3476	347,54409
amino acid transmembrane transporter activity	6	5	1	1500,57335	639,15115	861,4222	506,08505	283,814
oxidoreductase activity, acting on CH-OH group of donors	5	1	4	216,395109	182,294029	34,10108	3,440551	151,6335

Supplementary figure 2

transferase activity, transferring phosphorus-containing groups	5	5	0	1271,6182	295,8045	975,8137	680,0092	0
carbon-sulfur lyase activity	5	5	0	1123,09937	187,29327	935,8061	748,51283	0
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen,	5	4	1	389,7312	84,30287	305,42833	236,31823	15,19277
hydrolase activity, hydrolyzing O-glycosyl compounds	5	2	3	1694,91315	390,8482	1304,06495	994,9401	81,72335
transporter activity	5	4	1	3180,97032	597,3814	2583,58892	2092,6393	106,43178
copper ion binding	4	4	0	615,11749	167,31319	447,8043	280,49111	0
transferase activity	4	3	1	181,888194	41,71075	140,177444	100,14961	1,682916
aminopeptidase activity	4	3	1	632,33973	172,8911	459,44863	302,8007	16,24317
N,N-dimethylaniline monooxygenase activity	4	2	2	1213,41891	266,367	947,05191	740,2416	59,55669
two-component response regulator activity	4	4	0	1739,6256	344,2486	1395,377	1051,1284	0
oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	4	3	1	1159,032633	705,799233	453,2334	235,546167	488,112
ubiquitin-protein ligase activity	4	4	0	477,54588	111,00198	366,5439	255,54192	0
heme binding	4	2	2	1126,05068	755,83618	370,2145	143,54562	529,1673
DNA-directed DNA polymerase activity	4	4	0	210,28247	47,69417	162,5883	114,89413	0
acid phosphatase activity	4	4	0	1164,98522	220,47592	944,5093	724,03338	0
two-component sensor activity	4	4	0	1739,6256	344,2486	1395,377	1051,1284	0
carboxy-lyase activity	4	3	1	386,43951	108,3737	278,06581	180,0122	10,32009
ubiquitin thioesterase activity	4	4	0	345,98121	73,48241	272,4988	199,01639	0
protein tyrosine phosphatase activity	4	4	0	591,99212	137,33362	454,6585	317,32488	0
transferase activity, transferring hexosyl groups	4	2	2	483,32754	205,3093	278,01824	161,054	88,34506
3'-5'-exoribonuclease activity	3	3	0	475,0877	120,2411	354,8466	234,6055	0
carbon-nitrogen ligase activity, with glutamine as amido-N-donor	3	3	0	130,79405	26,49225	104,3018	77,80955	0
hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	3	3	0	240,42533	59,97933	180,446	120,46667	0
ribose phosphate diphosphokinase activity	3	3	0	1124,8334	218,2304	906,603	688,3726	0
metalloexopeptidase activity	3	3	0	601,3921	149,2957	452,0964	302,8007	0
phosphatidylserine decarboxylase activity	3	3	0	539,6348	83,6068	456,028	372,4212	0
pseudouridylate synthase activity	3	3	0	296,7556	64,1795	232,5761	168,3966	0
nucleotidyltransferase activity	3	3	0	263,52288	62,66508	200,8578	138,19272	0
RNA-directed DNA polymerase activity	3	3	0	36,85045	6,25327	30,59718	24,34391	0
quinone binding	3	3	0	237,20849	58,92019	178,2883	119,36811	0
histone-lysine N-methyltransferase activity	3	3	0	135,62278	35,67848	99,9443	64,26582	0
rRNA binding	3	3	0	956,6358	179,6488	776,987	597,3382	0
succinate dehydrogenase activity	3	2	1	2408,198	1317,427	1090,771	549,092	775,748
primary amine oxidase activity	3	3	0	237,20849	58,92019	178,2883	119,36811	0
aminoacyl-tRNA ligase activity	3	3	0	649,5707	88,6697	560,901	472,2313	0
aspartic-type endopeptidase activity	3	3	0	928,86353	167,31263	761,5509	594,23827	0
ribonucleoside binding	3	3	0	181,40851	48,82901	132,5795	83,75049	0
metalloendopeptidase activity	3	3	0	285,51081	57,21065	228,30016	171,08951	0
RNA polymerase II transcription cofactor activity	2	2	0	414,637	105,332	309,305	203,973	0
4 iron, 4 sulfur cluster binding	2	2	0	437,8629	97,0599	340,803	243,7431	0
protein tyrosine/serine/threonine phosphatase activity	2	2	0	247,18922	62,16572	185,0235	122,85778	0
phosphogluconate dehydrogenase (decarboxylating) activity	2	2	0	81,52456	19,64776	61,8768	42,22904	0
endonuclease activity	2	2	0	414,0435	90,1265	323,917	233,7905	0
2 iron, 2 sulfur cluster binding	2	2	0	899,0176	229,9674	669,0502	439,0828	0
IMP dehydrogenase activity	2	2	0	1320,3791	211,8271	1108,552	896,7249	0
ADP binding	2	2	0	79,06677	9,56567	69,5011	59,93543	0
dihydroneopterin aldolase activity	2	2	0	385,2824	84,2664	301,016	216,7496	0
acyl-CoA dehydrogenase activity	2	1	1	138,54242	106,80172	31,7407	11,18888	86,2499
double-stranded RNA binding	2	2	0	346,6474	84,5404	262,107	177,5666	0
identical protein binding	2	2	0	210,07069	41,70549	168,3652	126,65971	0
transferase activity, transferring nitrogenous groups	2	2	0	1021,3734	179,4294	841,944	662,5146	0
ATPase activity, coupled to transmembrane movement of ions, phosphorylative mechanism	2	2	0	160,8807	41,6672	119,2135	77,5463	0
protein kinase binding	2	2	0	581,0842	114,0822	467,002	352,9198	0
triglyceride lipase activity	2	2	0	600,0594	145,524	454,5354	309,0114	0
hydrogen:potassium-exchanging ATPase activity	2	1	1	310,91698	84,4661	226,45088	156,0953	14,11052
peptidyl-prolyl cis-trans isomerase activity	2	2	0	5098,1057	1152,042	3946,0637	2794,0217	0
serine-type peptidase activity	2	2	0	12,462653	0,647223	11,81543	11,168207	0
phosphatidylinositol phospholipase C activity	2	2	0	82,79073	19,78863	63,0021	43,21347	0

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3-hydroxypalmitoyl-[acyl-carrier-protein] dehydratase activity	2	1	1	2436,15602	523,33454	1912,82148	1397,296	7,80906
mannitol 2-dehydrogenase (NADP+) activity	2	2	0	2690,9487	640,62	2050,3287	1409,7087	0
5'-nucleotidase activity	2	2	0	283,21327	59,65867	223,5546	163,89593	0
ribonuclease III activity	2	2	0	416,6998	108,5208	308,179	199,6582	0
glutaminase activity	2	1	1	115,59359	44,3968	71,19679	42,1298	15,32981
protein transporter activity	2	2	0	474,8549	74,1449	400,71	326,5651	0
riboflavin reductase (NADPH) activity	2	1	1	850,9703	627,725	223,2453	67,8403	472,32
carbohydrate binding	2	0	2	37,54658	32,4267	5,11988	0	27,30682
nutrient reservoir activity	2	1	1	354,04878	53,6627	300,38608	282,5531	35,82972
lathosterol oxidase activity	2	1	1	736,1877	319,074	417,1137	228,236	130,1963
prenyltransferase activity	2	1	1	77,04755	58,45932	18,58823	10,13578	50,00687
O-methyltransferase activity	2	2	0	1502,94764	221,28244	1281,6652	1060,38276	0
NAD+ binding	2	2	0	354,4566	92,7255	261,7311	169,0056	0
transmembrane transporter activity	2	2	0	906,1949	188,2769	717,918	529,6411	0
L-xylulose reductase (NADP+) activity	2	2	0	2690,9487	640,62	2050,3287	1409,7087	0
damaged DNA binding	2	2	0	114,96586	28,83496	86,1309	57,29594	0
lyase activity	2	2	0	177,63936	44,07956	133,5598	89,48024	0
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	2	1	1	212,98098	79,0653	133,91568	92,8953	38,04492
molybdenum ion binding	2	2	0	89,62823	12,25823	77,37	65,11177	0
tRNA (adenine-N1-)-methyltransferase activity	2	2	0	110,47359	24,25619	86,2174	61,96121	0
calcium-transporting ATPase activity	2	1	1	310,91698	84,4661	226,45088	156,0953	14,11052
transcription regulatory region DNA binding	2	2	0	250,25864	65,36761	184,89103	119,52342	0
ribonuclease H activity	2	2	0	91,61964	22,06484	69,5548	47,48996	0
metallopeptidase activity	2	1	1	87,85171	33,4426	54,40911	32,9151	11,94859
pseudouridine synthase activity	2	2	0	1130,5913	243,1229	887,4684	644,3455	0
snoRNA binding	2	2	0	1119,64676	233,19096	886,4558	653,26484	0
acid-amino acid ligase activity	2	2	0	90,36364	15,18074	75,1829	60,00216	0
tartrate dehydrogenase activity	2	2	0	5367,339	1036,645	4330,694	3294,049	0
protein disulfide oxidoreductase activity	2	2	0	498,7971	98,9781	399,819	300,8409	0
phosphatidylinositol binding	1	1	0	812,177	125,892	686,285	560,393	0
sugar:hydrogen symporter activity	1	1	0	233,7792	51,8072	181,972	130,1648	0
arginyltransferase activity	1	1	0	159,482	39,807	119,675	79,868	0
GMP synthase activity	1	1	0	2425,344	514,024	1911,32	1397,296	0
translation release factor activity	1	1	0	341,0282	92,4362	248,592	156,1558	0
argininosuccinate synthase activity	1	1	0	826,632	229,718	596,914	367,196	0
calcium-dependent cysteine-type endopeptidase activity	1	1	0	58,7634	15,9285	42,8349	26,9064	0
2-dehydropantoate 2-reductase activity	1	1	0	330,0101	76,4191	253,591	177,1719	0
transcription coactivator activity	1	1	0	362,4816	98,1996	264,282	166,0824	0
peroxisome membrane targeting sequence binding	1	1	0	261,008	34,163	226,845	192,682	0
oxalate decarboxylase activity	1	0	1	47,89388	41,8618	6,03208	0	35,82972
glycerol-3-phosphate O-acyltransferase activity	1	1	0	414,555	89,789	324,766	234,977	0
UDP-glucose 4-epimerase activity	1	1	0	131,7285	30,3925	101,336	70,9435	0
lysozyme activity	1	0	1	36,29198	33,694	2,59798	0	31,09602
phosphoglycerate mutase activity	1	1	0	572,086	129,72	442,366	312,646	0
metallocarboxypeptidase activity	1	1	0	14,54674	2,24534	12,3014	10,05606	0
fatty-acyl-CoA binding	1	1	0	2425,344	514,024	1911,32	1397,296	0
L-aminoadipate-semialdehyde dehydrogenase activity	1	1	0	274,4196	50,1556	224,264	174,1084	0
L-ascorbic acid binding	1	1	0	161,6817	20,7347	140,947	120,2123	0
glutamate-tRNA ligase activity	1	1	0	271,3939	77,3139	194,08	116,7661	0
chitin binding	1	1	0	191,7521	44,8171	146,935	102,1179	0
aspartate-tRNA ligase activity	1	1	0	2648,469	338,739	2309,73	1970,991	0
protein C-terminal S-isoprenylcysteine carboxyl O-methyltransferase activity	1	0	1	258,6519	218,356	40,2959	0	178,0601
phosphatidate cytidyltransferase activity	1	1	0	402,208	98,368	303,84	205,472	0
1,3-beta-glucanosyltransferase activity	1	0	1	155,7981	114,315	41,4831	0	72,8319
dipeptidyl-peptidase activity	1	0	1	30,94763	23,5954	7,35223	0	16,24317
succinate-semialdehyde dehydrogenase [NAD(P)+] activity	1	1	0	624,679	115,243	509,436	394,193	0
serine-type endopeptidase inhibitor activity	1	1	0	11700,66	1267,06	10433,6	9166,54	0
transferase activity, transferring glycosyl groups	1	1	0	377,5338	99,9668	277,567	177,6002	0

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inorganic phosphate transmembrane transporter activity	1	1	0	4,610091	0,407641	4,20245	3,794809	0
tyrosine-tRNA ligase activity	1	1	0	170,405	40,415	129,99	89,575	0
3-oxoacyl-[acyl-carrier-protein] synthase activity	1	1	0	2425,344	514,024	1911,32	1397,296	0
lipoate synthase activity	1	1	0	156,232	37,056	119,176	82,12	0
methylenetetrahydrofolate dehydrogenase (NAD+) activity	1	1	0	253,0096	57,4116	195,598	138,1864	0
glutamate dehydrogenase (NAD+) activity	1	1	0	305,2429	72,2029	233,04	160,8371	0
octanoyltransferase activity	1	1	0	269,9177	73,4557	196,462	123,0063	0
deaminase activity	1	1	0	116,64	26,5062	90,1338	63,6276	0
N-acetyl-gamma-glutamyl-phosphate reductase activity	1	1	0	296,0041	73,0461	222,958	149,9119	0
mannosyl-oligosaccharide 1,2-alpha-mannosidase activity	1	1	0	79,1402	22,9144	56,2258	33,3114	0
GTP cyclohydrolase I activity	1	1	0	330,7898	83,8268	246,963	163,1362	0
glycogen (starch) synthase activity	1	1	0	906,432	202,082	704,35	502,268	0
xanthine phosphoribosyltransferase activity	1	1	0	445,6866	37,7716	407,915	370,1434	0
[acyl-carrier-protein] S-malonyltransferase activity	1	0	1	10,81202	9,31054	1,50148	0	7,80906
aspartate-tRNA(Asn) ligase activity	1	1	0	2648,469	338,739	2309,73	1970,991	0
protein-L-isospartate (D-aspartate) O-methyltransferase activity	1	1	0	194,4853	42,6533	151,832	109,1787	0
phosphatidylinositol phosphate kinase activity	1	1	0	1341,996	314,386	1027,61	713,224	0
tubulin-tyrosine ligase activity	1	1	0	688,384	125,54	562,844	437,304	0
3-hydroxyisobutyrate dehydrogenase activity	1	1	0	18,77536	3,81716	14,9582	11,14104	0
1-alkyl-2-acetyl-glycerophosphocholine esterase activity	1	1	0	199,5416	49,9616	149,58	99,6184	0
D-arabinose 1-dehydrogenase [NAD(P)+] activity	1	1	0	181,4061	34,5081	146,898	112,3899	0
oxygen binding	1	0	1	759,008	615,664	143,344	0	472,32
hydroxymethylglutaryl-CoA reductase (NADPH) activity	1	0	1	15,40613	12,6888	2,71733	0	9,97147
glutamate decarboxylase activity	1	0	1	122,4722	100,501	21,9712	0	78,5298
ureidoglycolate hydrolase activity	1	1	0	116,9686	22,264	94,7046	72,4406	0
inositol pentakisphosphate 2-kinase activity	1	1	0	177,7499	48,2159	129,534	81,3181	0
glutamate dehydrogenase (NADP+) activity	1	1	0	305,2429	72,2029	233,04	160,8371	0
glycerone kinase activity	1	1	0	140,5137	20,0647	120,449	100,3843	0
ornithine decarboxylase activity	1	1	0	1179,76	213,969	965,791	751,822	0
glycine hydroxymethyltransferase activity	1	1	0	380,101	104,552	275,549	170,997	0
mannan endo-1,4-beta-mannosidase activity	1	0	1	16,434231	15,8021	0,632131	0	15,169969
endo-1,4-beta-xylanase activity	1	0	1	19,82036	17,314	2,50636	0	14,80764
dihydropteroate synthase activity	1	1	0	153,4306	20,0806	133,35	113,2694	0
nucleobase transmembrane transporter activity	1	1	0	60,3547	13,8274	46,5273	32,6999	0
cholesterol delta-isomerase activity	1	0	1	93,0589	66,5686	26,4903	0	40,0783
thiamine pyrophosphate binding	1	1	0	10,94671	2,2532	8,69351	6,44031	0
rRNA (adenine-N6,N6-)-dimethyltransferase activity	1	1	0	89,1649	16,2099	72,955	56,7451	0
tRNA dihydrouridine synthase activity	1	1	0	74,0807	19,3071	54,7736	35,4665	0
choline-phosphate cytidyltransferase activity	1	1	0	378,4353	73,0313	305,404	232,3727	0
nitronate monooxygenase activity	1	0	1	132,2373	111,918	20,3193	0	91,5987
dihydroxy-acid dehydratase activity	1	1	0	43,8999	10,5343	33,3656	22,8313	0
translation elongation factor activity	1	1	0	184,1311	41,6911	142,44	100,7489	0
microtubule motor activity	1	1	0	26,73645	5,53535	21,2011	15,66575	0
acetylglutamate kinase activity	1	1	0	296,0041	73,0461	222,958	149,9119	0
arsenite transmembrane transporter activity	1	1	0	167,448	17,66	149,788	132,128	0
nitric oxide dioxygenase activity	1	0	1	759,008	615,664	143,344	0	472,32
homocitrate synthase activity	1	1	0	913,664	130,631	783,033	652,402	0
calcium-dependent phospholipid binding	1	1	0	101,3631	26,2724	75,0907	48,8183	0
ferric-chelate reductase activity	1	0	1	15,28263	13,1739	2,10873	0	11,06517
hypoxanthine phosphoribosyltransferase activity	1	1	0	445,6866	37,7716	407,915	370,1434	0
mismatched DNA binding	1	1	0	72,0655	20,3698	51,6957	31,3259	0
adenosylmethionine decarboxylase activity	1	1	0	405,995	117,23	288,765	171,535	0
carbamoyl-phosphate synthase (glutamine-hydrolyzing) activity	1	1	0	155,4741	44,7091	110,765	66,0559	0
phospholipase A2 activity	1	1	0	265,3592	48,4362	216,923	168,4868	0
deoxyribose-phosphate aldolase activity	1	1	0	463,18	94,866	368,314	273,448	0
cellulase activity	1	0	1	16,434231	15,8021	0,632131	0	15,169969
galactonate dehydratase activity	1	1	0	43,8999	10,5343	33,3656	22,8313	0
trichodiene synthase activity	1	1	0	9,064771	0,947821	8,11695	7,169129	0

Supplementary figure 2

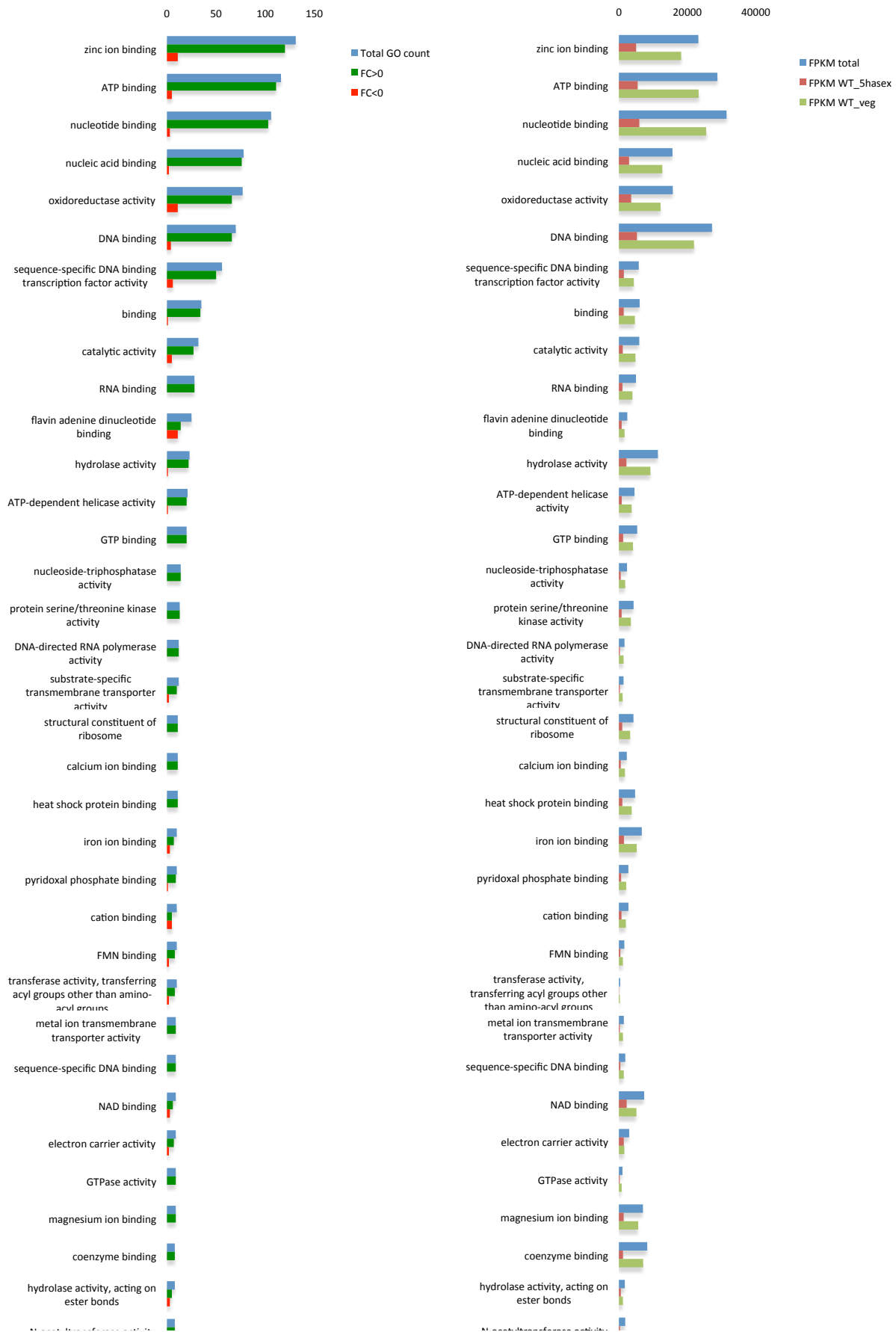
hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds	1	1	0	107,9296	24,594	83,3356	58,7416	0
hydrogen ion transporting ATP synthase activity, rotational mechanism	1	1	0	6,866202	0,554272	6,31193	5,757658	0
acetate kinase activity	1	1	0	111,9319	20,1711	91,7608	71,5897	0
acireductone dioxygenase [iron(II)-requiring] activity	1	1	0	448,604	120,241	328,363	208,122	0
peptidase activity	1	1	0	96,7693	17,0165	79,7528	62,7363	0
NAD+ ADP-ribosyltransferase activity	1	1	0	43,3178	8,4762	34,8416	26,3654	0
NAD+ kinase activity	1	1	0	751,019	133,182	617,837	484,655	0
6-phosphogluconolactonase activity	1	1	0	1777,658	286,488	1491,17	1204,682	0
glutamate-5-semialdehyde dehydrogenase activity	1	1	0	293,9248	82,0008	211,924	129,9232	0
GTPase activator activity	1	1	0	92,8911	20,9652	71,9259	50,9607	0
alditol:NADP+ 1-oxidoreductase activity	1	1	0	181,4061	34,5081	146,898	112,3899	0
protein kinase activity	1	1	0	97,7666	21,9982	75,7684	53,7702	0
enoyl-[acyl-carrier-protein] reductase (NADH) activity	1	0	1	10,81202	9,31054	1,50148	0	7,80906
D-ribulokinase activity	1	1	0	134,279	39,2525	95,0265	55,774	0
phosphoribosylaminoimidazolesuccinocarboxamide synthase activity	1	1	0	260,2351	72,4691	187,766	115,2969	0
dTDP-4-dehydrorhamnose reductase activity	1	1	0	946,136	227,526	718,61	491,084	0
transition metal ion binding	1	1	0	66,4586	13,4534	53,0052	39,5518	0
thymidine phosphorylase activity	1	1	0	418,96	112,498	306,462	193,964	0
voltage-gated anion channel activity	1	1	0	643,948	153,247	490,701	337,454	0
alpha,alpha-trehalose-phosphate synthase (UDP-forming) activity	1	1	0	493,8401	64,3841	429,456	365,0719	0
NG-(1,2-dicarboxylethyl)AMP AMP-lyase (fumarate-forming) activity	1	1	0	9,28763	1,78456	7,50307	5,71851	0
[acyl-carrier-protein] S-acetyltransferase activity	1	0	1	10,81202	9,31054	1,50148	0	7,80906
aldehyde-lyase activity	1	1	0	8,32154	1,04318	7,27836	6,23518	0
GMP synthase (glutamine-hydrolyzing) activity	1	1	0	100,5129	27,0588	73,4541	46,3953	0
tRNA-intron endonuclease activity	1	1	0	130,3955	31,6422	98,7533	67,1111	0
prephenate dehydrogenase (NADP+) activity	1	1	0	312,2503	66,3023	245,948	179,6457	0
galactose 1-dehydrogenase activity	1	1	0	1069,4784	87,3574	982,121	894,7636	0
solute:hydrogen antiporter activity	1	1	0	29,50816	2,89286	26,6153	23,72244	0
3-oxoacyl-[acyl-carrier-protein] reductase (NADPH) activity	1	1	0	2425,344	514,024	1911,32	1397,296	0
inorganic anion exchanger activity	1	1	0	48,0802	12,0315	36,0487	24,0172	0
anthranilate synthase activity	1	1	0	225,037	65,155	159,882	94,727	0
C-4 methylsterol oxidase activity	1	1	0	4375,047	889,437	3485,61	2596,173	0
cis-stilbene-oxide hydrolase activity	1	1	0	164,1984	33,8464	130,352	96,5056	0
methylenetetrahydrofolate dehydrogenase (NADP+) activity	1	1	0	253,0096	57,4116	195,598	138,1864	0
ribose-phosphate 3-epimerase activity	1	1	0	1191,062	188,272	1002,79	814,518	0
ligase activity	1	0	1	15,92536	12,9608	2,96456	0	9,99624
4-alpha-hydroxytetrahydrobiopterin dehydratase activity	1	1	0	215,8769	58,4749	157,402	98,9271	0
spermidine dehydrogenase activity	1	1	0	69,4091	15,1657	54,2434	39,0777	0
P-P-bond-hydrolysis-driven protein transmembrane transporter activity	1	1	0	100,6593	27,9348	72,7245	44,7897	0
serine-type carboxypeptidase activity	1	0	1	178,8457	135,722	43,1237	0	92,5983
2-amino-4-hydroxy-6-hydroxymethylidihydropteridine diphosphokinase activity	1	1	0	153,4306	20,0806	133,35	113,2694	0
asparagine synthase (glutamine-hydrolyzing) activity	1	1	0	34,18477	8,80947	25,3753	16,56583	0
cysteine-type peptidase activity	1	1	0	458,48	126,431	332,049	205,618	0
hydrogen ion transmembrane transporter activity	1	1	0	35,10226	5,78066	29,3216	23,54094	0
DNA ligase (ATP) activity	1	1	0	107,9977	20,4623	87,5354	67,0731	0
prephenate dehydrogenase activity	1	1	0	312,2503	66,3023	245,948	179,6457	0
tryptophan-tRNA ligase activity	1	1	0	211,0477	60,3157	150,732	90,4163	0
arylsulfatase activity	1	0	1	29,0197	22,4186	6,6011	0	15,8175
mannitol 2-dehydrogenase activity	1	1	0	2248,663	221,143	2027,52	1806,377	0
CDP-diaclylglycerol-serine O-phosphatidyltransferase activity	1	1	0	72,261	16,6291	55,6319	39,0028	0
fatty acid synthase activity	1	1	0	2425,344	514,024	1911,32	1397,296	0
Rho guanyl-nucleotide exchange factor activity	1	1	0	22,00213	4,98463	17,0175	12,03287	0
serine-type endopeptidase activity	1	1	0	9,51581	1,68844	7,82737	6,13893	0
endoribonuclease activity, producing 5'-phosphomonoesters	1	1	0	138,4721	40,1068	98,3653	58,2585	0
nucleotide-sugar transmembrane transporter activity	1	1	0	233,7792	51,8072	181,972	130,1648	0
ion channel activity	1	1	0	184,2771	23,3181	160,959	137,6409	0
glycerol kinase activity	1	1	0	33,28393	3,86693	29,417	25,55007	0
delta14-sterol reductase activity	1	1	0	426,5634	97,0284	329,535	232,5066	0

Supplementary figure 2

CTP synthase activity	1	1	0	384,019	101,776	282,243	180,467	0
glutathione binding	1	1	0	2067,634	403,654	1663,98	1260,326	0
purine-nucleoside phosphorylase activity	1	1	0	418,96	112,498	306,462	193,964	0
chromate transmembrane transporter activity	1	1	0	8,779909	0,351559	8,42835	8,076791	0
mannitol-1-phosphate 5-dehydrogenase activity	1	1	0	5669,739	896,889	4772,85	3875,961	0
alanine-glyoxylate transaminase activity	1	1	0	373,5597	66,5877	306,972	240,3843	0
asparaginase activity	1	1	0	408,8591	80,5861	328,273	247,6869	0
phosphomevalonate kinase activity	1	1	0	570,796	118,157	452,639	334,482	0
glutathione transferase activity	1	1	0	522,0948	32,1398	489,955	457,8152	0
glutamate-cysteine ligase activity	1	1	0	321,3172	74,7072	246,61	171,9028	0
ATP adenyllyltransferase activity	1	1	0	205,7454	24,9004	180,845	155,9446	0
1,4-alpha-glucan branching enzyme activity	1	1	0	1364,445	224,385	1140,06	915,675	0
GTPase binding	1	1	0	36,74652	9,31472	27,4318	18,11708	0
diacylglycerol kinase activity	1	1	0	147,4849	41,4199	106,065	64,6451	0
oleoyl-[acyl-carrier-protein] hydrolase activity	1	0	1	10,81202	9,31054	1,50148	0	7,80906
S-adenosylmethionine-dependent methyltransferase activity	1	1	0	150,0323	22,7793	127,253	104,4737	0
carbonate dehydratase activity	1	1	0	812,0701	92,9631	719,107	626,1439	0
protein disulfide isomerase activity	1	1	0	197,4522	25,7782	171,674	145,8958	0
aspartate carbamoyltransferase activity	1	1	0	155,4741	44,7091	110,765	66,0559	0
arginine-tRNA ligase activity	1	1	0	266,4799	67,3789	199,101	131,7221	0
manganese ion binding	1	1	0	372,1113	89,3783	282,733	193,3547	0
aminomethyltransferase activity	1	1	0	233,0569	44,4699	188,587	144,1171	0
acetyl-CoA carboxylase activity	1	1	0	2425,344	514,024	1911,32	1397,296	0
ribose-5-phosphate isomerase activity	1	1	0	4231,574	653,194	3578,38	2925,186	0
endoribonuclease activity	1	1	0	7,76699	7,76699	0	-7,76699	0
phosphoric diester hydrolase activity	1	1	0	1281,2	279,42	1001,78	722,36	0
epoxide hydrolase activity	1	1	0	164,1984	33,8464	130,352	96,5056	0
arsenite-transmembrane transporting ATPase activity	1	1	0	333,4289	97,9519	235,477	137,5251	0
mannosyl-oligosaccharide glucosidase activity	1	1	0	698,704	109,905	588,799	478,894	0
fatty-acyl-CoA synthase activity	1	0	1	10,81202	9,31054	1,50148	0	7,80906
cysteine-type endopeptidase activity	1	1	0	244,0927	63,5267	180,566	117,0393	0
proton-transporting ATPase activity, rotational mechanism	1	1	0	6,866202	0,554272	6,31193	5,757658	0
structural constituent of cell wall	1	0	1	958,0631	929,352	28,7111	0	900,6409
bile acid:sodium symporter activity	1	1	0	19,92195	3,54095	16,381	12,84005	0
guanyl-nucleotide exchange factor activity	1	1	0	36,74652	9,31472	27,4318	18,11708	0
chitinase activity	1	1	0	235,0762	65,8482	169,228	103,3798	0
phosphatidylcholine 1-acylhydrolase activity	1	1	0	265,3592	48,4362	216,923	168,4868	0
electron-transferring-flavoprotein dehydrogenase activity	1	1	0	120,046	32,7194	87,3266	54,6072	0
cutinase activity	1	1	0	46,46418	9,68698	36,7772	27,09022	0

Supplementary figure 2

Molecular Function



Supplementary figure 2

Biological process

GO term	Total GO count	FC>0	FC<0	FPKM total	FPKM WT_Shasex	FPKM WT_veg	FPKM WT_veg-WT_Shasex when FC>0	FPKM WT_Shasex-WT_veg when FC<0
oxidation-reduction process	155	121	34	56518,41026	13708,75899	42809,65126	32259,71087	3158,818597
transmembrane transport	97	81	16	16923,98159	3733,475045	13190,50655	10305,68674	848,655231
regulation of transcription, DNA-dependent	69	64	5	26238,71301	5093,93341	21144,7796	16168,97098	118,12479
metabolic process	50	45	5	13873,8674	2526,48468	11347,38272	8955,73561	134,83757
transcription, DNA-dependent	34	30	4	2870,83553	666,93974	2203,89579	1612,97674	76,02069
translation	24	24	0	8088,8676	1801,6738	6287,1938	4485,52	0
proteolysis	17	15	2	2808,874333	741,358243	2067,51609	1434,999317	108,84147
protein phosphorylation	14	14	0	4385,368063	813,708623	3571,65944	2757,950817	0
biosynthetic process	12	9	3	1814,842338	375,380772	1439,461566	1089,208918	25,128124
carbohydrate metabolic process	12	6	6	10362,9888	2072,30418	8290,68462	6405,97878	187,59834
lipid metabolic process	10	9	1	3141,32757	730,40469	2410,92288	1708,32091	27,80272
nucleobase-containing compound metabolic process	10	10	0	1742,21293	446,73906	1295,47387	848,73481	0
metal ion transport	9	9	0	1439,64739	261,00409	1178,6433	917,63921	0
intracellular protein transport	9	8	1	6158,49469	1387,5529	4770,94179	3404,5492	21,16031
protein folding	9	9	0	7570,9271	1699,2435	5871,6836	4172,4401	0
translational initiation	8	8	0	2031,23687	511,84747	1519,3894	1007,54193	0
phospholipid metabolic process	8	8	0	2013,1459	412,9503	1600,1956	1187,2453	0
sterol metabolic process	8	5	3	6459,55383	1565,8585	4893,69533	3508,0829	180,24607
RNA processing	8	8	0	1224,40426	299,46986	924,9344	625,46454	0
nucleoside metabolic process	7	7	0	1776,37614	274,70884	1501,6673	1226,95846	0
cellular metabolic process	7	7	0	663,30588	153,173	510,13288	356,95988	0
amino acid transmembrane transport	7	6	1	1891,90705	692,54185	1199,3652	790,63735	283,814
fatty acid biosynthetic process	6	4	2	7552,035487	1731,983627	5820,05186	4226,073593	138,00536
transport	6	5	1	2547,109914	479,21103	2067,898884	1609,31927	20,631416
histidine metabolic process	6	6	0	1422,96679	261,88539	1161,0814	899,19601	0
ribosome biogenesis	6	6	0	2386,71256	420,02716	1966,6854	1546,65824	0
arginine metabolic process	6	6	0	2933,2743	693,8379	2239,4364	1545,5985	0
rRNA processing	6	6	0	718,5167	128,5077	590,009	461,5013	0
cellular amino acid metabolic process	6	4	2	1566,17881	642,9014	923,27741	627,9201	347,54409
ubiquitin-dependent protein catabolic process	5	5	0	576,63331	119,56651	457,0668	337,50029	0
small GTPase mediated signal transduction	5	5	0	3531,2182	957,0428	2574,1754	1617,1326	0
GTP catabolic process	5	5	0	2702,71121	713,12431	1989,5869	1276,46259	0
DNA repair	4	4	0	347,04726	76,19326	270,854	194,66074	0
pentose-phosphate shunt	4	4	0	3050,24456	494,40776	2555,8368	2061,42904	0
mannitol metabolic process	4	4	0	10609,3507	1758,652	8850,6987	7092,0467	0
post-translational protein modification	4	4	0	2836,51144	720,11954	2116,3919	1396,27236	0
two-component signal transduction system (phosphorelay)	4	4	0	1739,6256	344,2486	1395,377	1051,1284	0
nucleotide salvage	4	4	0	1147,85987	209,92827	937,9316	728,00333	0
ATP biosynthetic process	4	3	1	471,79768	126,1333	345,66438	233,6416	14,11052
alcohol metabolic process	4	4	0	211,62	181,62675	29,99325	0	151,6335
peptidyl-histidine phosphorylation	4	4	0	1739,6256	344,2486	1395,377	1051,1284	0
regulation of transcription from RNA polymerase II promoter	4	3	1	455,78806	132,09141	323,69665	211,22832	19,62308
cellular process	3	3	0	601,3921	149,2957	452,0964	302,8007	0
phospholipid biosynthetic process	3	3	0	539,6348	83,6068	456,028	372,4212	0
transcription initiation, DNA-dependent	3	3	0	564,3968	139,3631	425,0337	285,6706	0
tRNA aminoacylation for protein translation	3	3	0	3125,9966	466,4336	2659,563	2193,1294	0
intracellular signal transduction	3	3	0	105,92569	23,24009	82,6856	59,44551	0
RNA metabolic process	3	3	0	1181,69248	261,60128	920,0912	658,48992	0
arginine biosynthetic process	3	3	0	1332,5412	348,0792	984,462	636,3828	0
cation transport	3	3	0	190,38886	44,56006	145,8288	101,26874	0
protein ubiquitination	3	3	0	432,48268	98,34208	334,1406	235,79852	0
RNA-dependent DNA replication	3	3	0	36,85045	6,25327	30,59718	24,34391	0
DNA recombination	3	2	1	298,17744	68,07181	230,10563	168,8467	6,81288
nucleosome assembly	3	3	0	3822,74	818,056	3004,684	2186,628	0
D-gluconate metabolic process	3	3	0	2506,448	403,239	2103,209	1699,97	0
protein transport	3	3	0	814,7478	221,2804	593,4674	372,187	0

Supplementary figure 2

amine metabolic process	3	3	0	237,20849	58,92019	178,2883	119,36811	0
cell redox homeostasis	3	3	0	1000,4737	237,4177	763,056	525,6383	0
glutamine family amino acid metabolic process	3	2	1	420,83649	116,5997	304,23679	202,9669	15,32981
galactonate metabolic process	2	2	0	1113,3783	97,8917	1015,4866	917,5949	0
xylulose metabolic process	2	2	0	2690,9487	640,62	2050,3287	1409,7087	0
trehalose biosynthetic process	2	2	0	2181,3501	285,5241	1895,826	1610,3019	0
nucleotide catabolic process	2	2	0	283,21327	59,65867	223,5546	163,89593	0
glutamate decarboxylation to succinate	2	1	1	747,1512	215,744	531,4072	394,193	78,5298
protein dephosphorylation	2	2	0	247,18922	62,16572	185,0235	122,85778	0
apoptotic process	2	2	0	79,06677	9,56567	69,5011	59,93543	0
glycerol metabolic process	2	2	0	173,79763	23,93163	149,866	125,93437	0
lipoate biosynthetic process	2	2	0	426,1497	110,5117	315,638	205,1263	0
response to stress	2	2	0	165,60482	40,20522	125,3996	85,19438	0
cellular response to calcium ion	2	2	0	4471,799	715,149	3756,65	3041,501	0
anion transport	2	2	0	692,0282	165,2785	526,7497	361,4712	0
DNA-dependent DNA replication initiation	2	2	0	129,9482	34,5429	95,4053	60,8624	0
carbon utilization	2	2	0	1051,996	156,792	895,204	738,412	0
sporocarp development involved in asexual reproduction	2	2	2	228,66436	213,6917	14,97266	0	198,71904
carboxylic acid metabolic process	2	2	0	339,6699	88,3599	251,31	162,9501	0
mRNA processing	2	2	0	260,5699	72,7054	187,8645	115,1591	0
protein modification process	2	2	0	882,8693	168,1933	714,676	546,4827	0
SRP-dependent cotranslational protein targeting to membrane	2	2	0	122,98119	17,30679	105,6744	88,36761	0
regulation of cyclin-dependent protein kinase activity	2	2	0	581,0842	114,0822	467,002	352,9198	0
GPI anchor metabolic process	2	1	1	130,11129	49,0105	81,10079	53,2506	21,16031
isoprenoid biosynthetic process	2	1	1	237,75713	55,1558	182,60133	137,417	9,97147
tricarboxylic acid cycle	2	2	0	1191,208	321,058	870,15	549,092	0
microtubule-based movement	2	2	0	129,51841	18,68291	110,8355	92,15259	0
aromatic amino acid family biosynthetic process	2	2	0	537,2873	131,4573	405,83	274,3727	0
cellular response to osmotic stress	2	2	0	830,1207	210,6637	619,457	408,7933	0
snRNA pseudouridine synthesis	2	2	0	1119,64676	233,19096	886,4558	653,26484	0
generation of precursor metabolites and energy	2	1	1	310,91698	84,4661	226,45088	156,0953	14,11052
pathogenesis	2	2	0	3149,1917	546,3217	2602,87	2056,5483	0
cell cycle	2	2	0	337,2103	66,8452	270,3651	203,5199	0
protein polymerization	2	2	0	129,51841	18,68291	110,8355	92,15259	0
mitosis	2	2	0	683,5261	163,3141	520,212	356,8979	0
cellular carbohydrate catabolic process	2	1	1	82,75616	43,38098	39,37518	27,09022	31,09602
positive regulation of conidium formation	2	1	1	41,15106	26,75941	14,39165	7,25532	19,62308
ribonucleoside monophosphate biosynthetic process	2	2	0	845,5296	150,7666	694,763	543,9964	0
galactose metabolic process	2	2	0	313,1346	64,9006	248,234	183,3334	0
defense response	2	1	1	92,68666	36,48868	56,19798	47,51202	27,80272
glycogen biosynthetic process	2	2	0	1342,3923	283,7453	1058,647	774,9017	0
transcription initiation from RNA polymerase II promoter	2	2	0	499,6496	94,8986	404,751	309,8524	0
tRNA methylation	2	2	0	110,47359	24,25619	86,2174	61,96121	0
pseudouridine synthesis	2	2	0	158,7621	36,663	122,0991	85,4361	0
folic acid biosynthetic process	2	2	0	484,2204	103,9074	380,313	276,4056	0
nuclear mRNA splicing, via spliceosome	2	2	0	366,2051	95,8044	270,4007	174,5963	0
iron-sulfur cluster assembly	2	2	0	2370,306	445,35	1924,956	1479,606	0
positive regulation of asexual sporulation resulting in formation of a cellular spore	2	1	1	41,15106	26,75941	14,39165	7,25532	19,62308
positive regulation of transcription from RNA polymerase II promoter	1	1	0	239,9259	63,8289	176,097	112,2681	0
chromatin silencing	1	1	0	134,9534	37,7043	97,2491	59,5448	0
response to toxin	1	1	0	164,1984	33,8464	130,352	96,5056	0
allantoin catabolic process	1	1	0	116,9686	22,264	94,7046	72,4406	0
response to zinc ion	1	1	1	88,80044	83,3527	5,44774	0	77,90496
ATP hydrolysis coupled proton transport	1	1	0	35,10226	5,78066	29,3216	23,54094	0
proline metabolic process	1	1	0	293,9248	82,0008	211,924	129,9232	0
unidimensional cell growth	1	1	0	2906,697	483,417	2423,28	1939,863	0
glycolysis	1	1	0	572,086	129,72	442,366	312,646	0
tRNA 5'-leader removal	1	1	0	27,02292	6,67442	20,3485	13,67408	0

Supplementary figure 2

cellular response to iron ion starvation	1	1	15,28263	13,1739	2,10873	0	11,06517
phosphatidylinositol metabolic process	1	1	0	1341,996	314,386	1027,61	713,224
phosphate ion transport	1	1	0	4,610091	0,407641	4,20245	3,794809
histone lysine methylation	1	1	0	23,20958	3,61888	19,5907	15,97182
protein deacetylation	1	1	0	134,9534	37,7043	97,2491	59,5448
peroxisome fission	1	1	0	34,77968	7,00878	27,7709	20,76212
positive regulation of phialide development	1	1	0	10,33274	1,53871	8,79403	7,25532
extracellular polysaccharide biosynthetic process	1	1	0	946,136	227,526	718,61	491,084
cellular response to hypoxia	1	1	0	242,4947	62,9047	179,59	116,6853
cleistothecium development	1	1	0	225,037	65,155	159,882	94,727
cellular response to nitrosative stress	1	1	1	759,008	615,664	143,344	0
regulation of translational fidelity	1	1	0	129,9907	33,6917	96,299	62,6073
calcium ion homeostasis	1	1	0	1565,102	231,732	1333,37	1101,638
CDP-diacylglycerol metabolic process	1	1	0	772,136	153,961	618,175	464,214
detoxification of arsenic-containing substance	1	1	0	333,4289	97,9519	235,477	137,5251
cysteine biosynthetic process	1	1	0	794,3262	96,3152	698,011	601,6958
phosphorylation	1	1	0	111,9319	20,1711	91,7608	71,5897
nucleobase transport	1	1	0	60,3547	13,8274	46,5273	32,6999
aspartyl-tRNA aminoacylation	1	1	0	2648,469	338,739	2309,73	1970,991
oligosaccharide metabolic process	1	1	0	698,704	109,905	588,799	478,894
rRNA catabolic process	1	1	0	129,535	26,363	103,172	76,809
regulation of protein complex assembly	1	1	0	11,96803	2,51575	9,45228	6,93653
NAD biosynthetic process	1	1	0	149,7756	39,3856	110,39	71,0044
ER-dependent peroxisome organization	1	1	0	261,008	34,163	226,845	192,682
glutathione biosynthetic process	1	1	0	321,3172	74,7072	246,61	171,9028
RNA splicing	1	1	0	134,0732	21,8062	112,267	90,4608
glutamine metabolic process	1	1	0	100,5129	27,0588	73,4541	46,3953
conidium formation	1	1	0	2906,697	483,417	2423,28	1939,863
calcium ion transmembrane transport	1	1	1	17,69828	15,9044	1,79388	0
tetrahydrofolate biosynthetic process	1	1	0	330,7898	83,8268	246,963	163,1362
mitochondrial tyrosyl-tRNA aminoacylation	1	1	0	170,405	40,415	129,99	89,575
tetrose metabolic process	1	1	0	181,4061	34,5081	146,898	112,3899
cellular response to oxidative stress	1	1	0	5669,739	896,889	4772,85	3875,961
pyrimidine nucleotide biosynthetic process	1	1	0	384,019	101,776	282,243	180,467
positive regulation of translation	1	1	0	137,3445	22,6795	114,665	91,9855
deoxyribonucleotide catabolic process	1	1	0	463,18	94,866	368,314	273,448
protein catabolic process	1	1	0	45,0632	12,6599	32,4033	19,7434
alkaloid biosynthetic process	1	1	1	30,81832	25,2207	5,59762	0
one-carbon metabolic process	1	1	0	253,0096	57,4116	195,598	138,1864
cytidine deamination	1	1	0	440,5929	94,2479	346,345	252,0971
dephosphorylation	1	1	0	164,011	32,536	131,475	98,939
starch metabolic process	1	1	0	1364,445	224,385	1140,06	915,675
spermidine biosynthetic process	1	1	0	405,995	117,23	288,765	171,535
arginyl-tRNA aminoacylation	1	1	0	266,4799	67,3789	199,101	131,7221
transcription termination, DNA-dependent	1	1	0	154,9646	39,0196	115,945	76,9254
autolysis	1	1	1	30,81832	25,2207	5,59762	0
tRNA-type intron splice site recognition and cleavage	1	1	0	130,3955	31,6422	98,7533	67,1111
spore germination	1	1	0	2906,697	483,417	2423,28	1939,863
branched chain family amino acid biosynthetic process	1	1	0	43,8999	10,5343	33,3656	22,8313
sesquiterpenoid biosynthetic process	1	1	0	9,064771	0,947821	8,11695	7,169129
DNA replication	1	1	0	107,9977	20,4623	87,5354	67,0731
gene silencing	1	1	0	138,4245	19,0115	119,413	100,4015
cell wall macromolecule catabolic process	1	1	1	36,29198	33,694	2,59798	0
nucleocytoplasmic transport	1	1	0	2263,224	610,514	1652,71	1042,196
oxygen transport	1	1	1	759,008	615,664	143,344	0
positive regulation of GTPase activity	1	1	0	92,8911	20,9652	71,9259	50,9607
water transport	1	1	0	737,7734	59,6204	678,153	618,5326
cell proliferation	1	1	0	211,0069	29,5009	181,506	152,0051

Supplementary figure 2

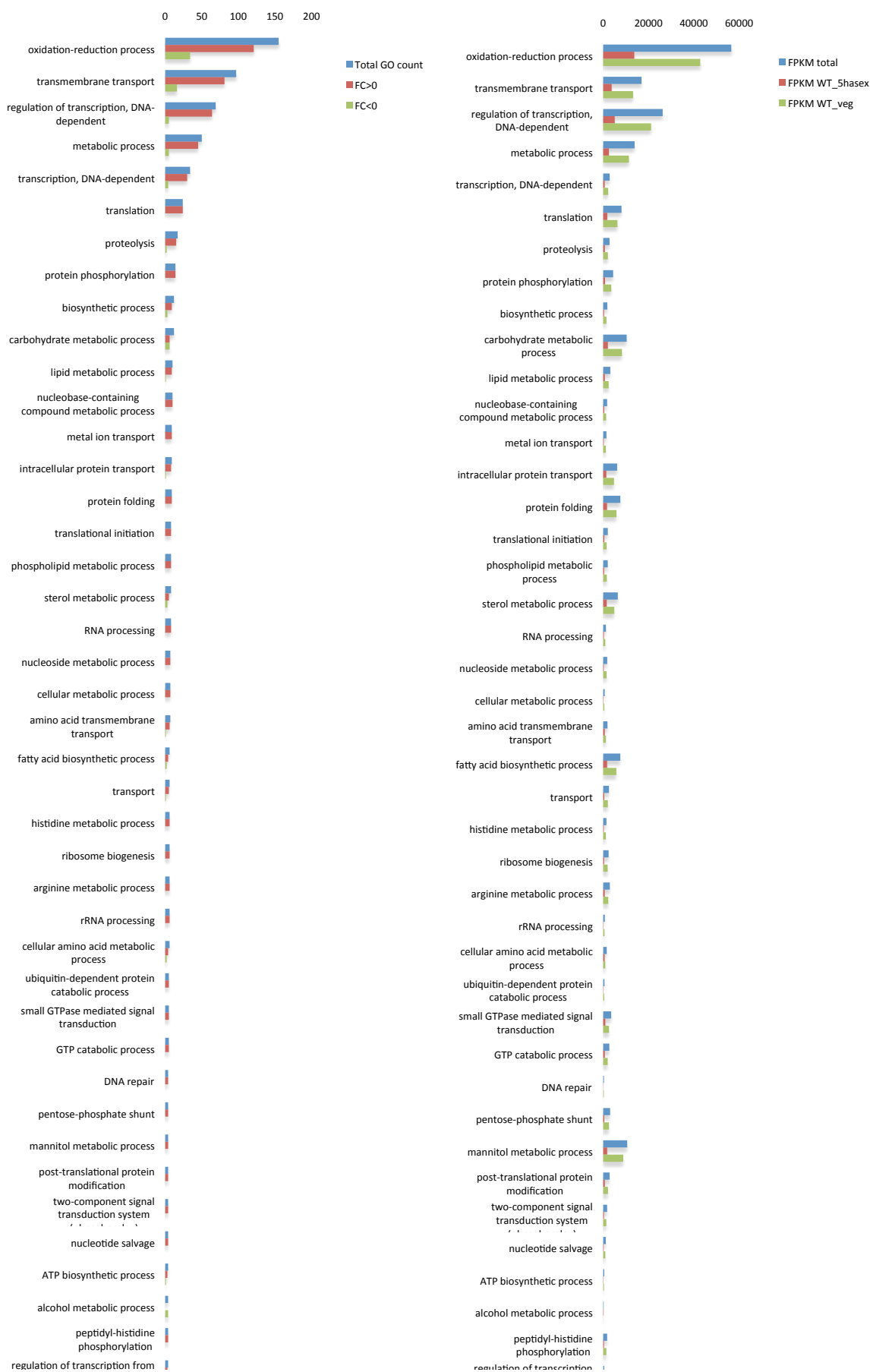
coenzyme M biosynthetic process	1	1	0	152,8532	29,8862	122,967	93,0808	0
tetrahydrobiopterin biosynthetic process	1	1	0	215,8769	58,4749	157,402	98,9271	0
valine metabolic process	1	1	0	18,77536	3,81716	14,9582	11,14104	0
DNA ligation involved in DNA repair	1	1	0	107,9977	20,4623	87,5354	67,0731	0
sterigmatocystin biosynthetic process	1	1	1	759,008	615,664	143,344	0	472,32
glycine catabolic process	1	1	0	233,0569	44,4699	188,587	144,1171	0
C-terminal protein methylation	1	1	1	258,6519	218,356	40,2959	0	178,0601
glutamyl-tRNA aminoacylation	1	1	0	271,3939	77,3139	194,08	116,7661	0
purine ribonucleoside monophosphate biosynthetic process	1	1	0	116,64	26,5062	90,1338	63,6276	0
response to wounding	1	1	0	11700,66	1267,06	10433,6	9166,54	0
coenzyme A metabolic process	1	1	1	15,40613	12,6888	2,71733	0	9,97147
sulfite transport	1	1	0	151,191	28,035	123,156	95,121	0
base-excision repair	1	1	0	118,5643	17,2573	101,307	84,0497	0
folic acid-containing compound metabolic process	1	1	0	231,8518	64,1858	167,666	103,4802	0
GMP biosynthetic process	1	1	0	100,5129	27,0588	73,4541	46,3953	0
Golgi vesicle transport	1	1	0	156,5244	43,2124	113,312	70,0996	0
protein import into peroxisome membrane	1	1	0	261,008	34,163	226,845	192,682	0
calcium-mediated signaling	1	1	0	1565,102	231,732	1333,37	1101,638	0
L-serine metabolic process	1	1	0	380,101	104,552	275,549	170,997	0
peptidyl-lysine oxidation	1	1	0	106,2072	30,0374	76,1698	46,1324	0
glycerol-3-phosphate metabolic process	1	1	0	33,28393	3,86693	29,417	25,55007	0
spermatogenesis	1	1	0	615,814	123,42	492,394	368,974	0
asparagine biosynthetic process	1	1	0	34,18477	8,80947	25,3753	16,56583	0
protein arginylation	1	1	0	159,482	39,807	119,675	79,868	0
rRNA modification	1	1	0	89,1649	16,2099	72,955	56,7451	0
lipid glycosylation	1	1	0	223,8995	51,4035	172,496	121,0925	0
regulation of small GTPase mediated signal transduction	1	1	0	92,8911	20,9652	71,9259	50,9607	0
translational termination	1	1	0	341,0282	92,4362	248,592	156,1558	0
Mo-molybdopterin cofactor biosynthetic process	1	1	0	11,15911	2,08378	9,07533	6,99155	0
purine base biosynthetic process	1	1	0	432,4618	43,5378	388,924	345,3862	0
sexual sporulation resulting in formation of a cellular spore	1	1	1	197,84604	188,471	9,37504	0	179,09596
negative regulation of sexual sporulation resulting in formation of a cellular spore	1	1	1	759,008	615,664	143,344	0	472,32
Group I intron splicing	1	1	0	170,405	40,415	129,99	89,575	0
arabinose metabolic process	1	1	0	181,4061	34,5081	146,898	112,3899	0
acetate metabolic process	1	1	0	111,9319	20,1711	91,7608	71,5897	0
nucleotide metabolic process	1	1	0	357,5871	91,8931	265,694	173,8009	0
xylan catabolic process	1	1	1	19,82036	17,314	2,50636	0	14,80764
sodium ion transport	1	1	0	19,92195	3,54095	16,381	12,84005	0
carbohydrate phosphorylation	1	1	0	134,279	39,2525	95,0265	55,774	0
protein exit from endoplasmic reticulum	1	1	0	261,008	34,163	226,845	192,682	0
tRNA processing	1	1	0	732,653	144,838	587,815	442,977	0
cellular response to heat	1	1	0	5669,739	896,889	4772,85	3875,961	0
peptidoglycan catabolic process	1	1	1	36,29198	33,694	2,59798	0	31,09602
gluconeogenesis	1	1	0	572,086	129,72	442,366	312,646	0
ATP synthesis coupled proton transport	1	1	0	6,866202	0,554272	6,31193	5,757658	0
glutamate catabolic process to 2-oxoglutarate	1	1	0	305,2429	72,2029	233,04	160,8371	0
regulation of nuclear division	1	1	0	58,2275	14,0808	44,1467	30,0659	0
pyruvate metabolic process	1	1	0	913,664	130,631	783,033	652,402	0
lipid catabolic process	1	1	0	199,5416	49,9616	149,58	99,6184	0
signal transduction	1	1	0	61,7747	16,0078	45,7669	29,7591	0
regulation of anion transport	1	1	0	643,948	153,247	490,701	337,454	0
proline biosynthetic process	1	1	0	293,9248	82,0008	211,924	129,9232	0
glycerolipid metabolic process	1	1	0	522,567	123,472	399,095	275,623	0
phenol-containing compound metabolic process	1	1	1	29,0197	22,4186	6,6011	0	15,8175
response to heat	1	1	0	211,6397	58,7977	152,842	94,0443	0
acetate catabolic process	1	1	0	239,9259	63,8289	176,097	112,2681	0
substituted mannan metabolic process	1	1	1	16,434231	15,8021	0,632131	0	15,169969
glycine metabolic process	1	1	0	380,101	104,552	275,549	170,997	0

Supplementary figure 2

chitin catabolic process	1	1	0	235,0762	65,8482	169,228	103,3798	0
ribosome assembly	1	1	0	208,2614	41,2094	167,052	125,8426	0
chromate transport	1	1	0	8,779909	0,351559	8,42835	8,076791	0
ubiquinone biosynthetic process	1	1	0	25,6461	4,292	21,3541	17,0621	0
regulation of Rho protein signal transduction	1	1	0	22,00213	4,98463	17,0175	12,03287	0
cell communication	1	1	0	812,177	125,892	686,285	560,393	0
nucleotide biosynthetic process	1	1	0	279,3038	67,4638	211,84	144,3762	0
secondary metabolic process	1	1	0	61,2498	15,4699	45,7799	30,31	0
asparagine metabolic process	1	1	0	408,8591	80,5861	328,273	247,6869	0
phialide development	1		1	197,84604	188,471	9,37504	0	179,09596
calcium ion transport	1	1	0	293,2187	68,5617	224,657	156,0953	0
oxalate metabolic process	1		1	47,89388	41,8618	6,03208	0	35,82972
spermine biosynthetic process	1	1	0	405,995	117,23	288,765	171,535	0
nucleotide-sugar transport	1	1	0	233,7792	51,8072	181,972	130,1648	0
positive regulation of autophagy	1	1	0	177,3647	46,1147	131,25	85,1353	0
glycerol ether metabolic process	1	1	0	197,4522	25,7782	171,674	145,8958	0
carbohydrate catabolic process	1		1	18,43937	16,9477	1,49167	0	15,45603
fungus-type cell wall organization	1		1	155,7981	114,315	41,4831	0	72,8319
ER to Golgi vesicle-mediated transport	1	1	0	273,2399	60,4459	212,794	152,3481	0
mannitol biosynthetic process	1	1	0	5669,739	896,889	4772,85	3875,961	0
peptide cross-linking	1	1	0	106,2072	30,0374	76,1698	46,1324	0
double-strand break repair	1	1	0	180,6224	39,4244	141,198	101,7736	0
nitrogen compound metabolic process	1	1	0	305,2429	72,2029	233,04	160,8371	0
tyrosine biosynthetic process	1	1	0	312,2503	66,3023	245,948	179,6457	0
electron transport chain	1	1	0	358,649	104,544	254,105	149,561	0
activation of protein kinase C activity by G-protein coupled receptor protein signaling	1	1	0	147,4849	41,4199	106,065	64,6451	0

Supplementary figure 2

Biological process



Supplementary table 4

PKS

test_id	Chromosome	Coordinate	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
AN6448	ChrI_A_nidulans_FGSC_A4	139084	WT_5hasex	WT_veg	NOTEST	0,0523149	0,0801571	0,61561	-0,341791	0,732508	1	no
AN6431	ChrI_A_nidulans_FGSC_A4	206270	WT_5hasex	WT_veg	NOTEST	0,171107	0,102063	-0,745443	0,506798	0,612297	1	no
aptA	ChrI_A_nidulans_FGSC_A4	1543569	WT_5hasex	WT_veg	NOTEST	2,00403	1,08806	-0,881139	1,21654	0,223778	1	no
AN6791	ChrI_A_nidulans_FGSC_A4	3181547	WT_5hasex	WT_veg	OK	1,33517	5,89848	2,14332	-3,39365	0,000689676	0,00572114	yes
AN7903	ChrII_A_nidulans_FGSC_A4	186498	WT_5hasex	WT_veg	NOTEST	0,402043	0,109003	-1,88298	1,29829	0,194188	1	no
orsA	ChrII_A_nidulans_FGSC_A4	207765	WT_5hasex	WT_veg	NOTEST	0,928521	1,32677	0,514906	-0,718548	0,47242	1	no
wA	ChrII_A_nidulans_FGSC_A4	1139654	WT_5hasex	WT_veg	NOTEST	1,38375	1,90912	0,46432	-0,692921	0,488359	1	no
AN3612	ChrII_A_nidulans_FGSC_A4	3604240	WT_5hasex	WT_veg	NOTEST	0,374937	0	-1.79769e+30	-1.79769e+30	0,017128	1	no
AN10430	ChrII_A_nidulans_FGSC_A4	3614405	WT_5hasex	WT_veg	NOTEST	0,0394718	0	-1.79769e+30	-1.79769e+30	0,23809	1	no
AN7084	ChrIV_A_nidulans_FGSC_A4	1079493	WT_5hasex	WT_veg	NOTEST	1,08013	0,945758	-0,191666	0,264723	0,791223	1	no
AN7071	ChrIV_A_nidulans_FGSC_A4	1123409	WT_5hasex	WT_veg	NOTEST	0,0951869	0,105933	0,154316	-0,0953589	0,92403	1	no
AN12065	ChrIV_A_nidulans_FGSC_A4	1288230	WT_5hasex	WT_veg	NOTEST	1,16545	0	-1.79769e+30	-1.79769e+30	0,0374675	1	no
AN7489	ChrIV_A_nidulans_FGSC_A4	1703510	WT_5hasex	WT_veg	OK	18,2778	19,1664	0,0684817	-0,123393	0,901796	0,962187	no
stcJ	ChrIV_A_nidulans_FGSC_A4	2761767	WT_5hasex	WT_veg	OK	4,13231	3,07994	-0,424049	0,730417	0,465136	0,724125	no
stcA	ChrIV_A_nidulans_FGSC_A4	2783097	WT_5hasex	WT_veg	NOTEST	0,418271	0,251943	-0,731344	0,740438	0,459034	1	no
AN12331	ChrIV_A_nidulans_FGSC_A4	2825115	WT_5hasex	WT_veg	OK	5,72154	0,241462	-4,56653	5,42499	5,79586E-08	1,42656E-06	yes
ausA	ChrV_A_nidulans_FGSC_A4	307998	WT_5hasex	WT_veg	NOTEST	0,193591	0	-1.79769e+30	-1.79769e+30	0,0299414	1	no
apdA	ChrV_A_nidulans_FGSC_A4	396315	WT_5hasex	WT_veg	OK	10,4226	0,670061	-3,95928	7,44698	9,54792E-14	6,06461E-12	yes
AN5475	ChrV_A_nidulans_FGSC_A4	2685267	WT_5hasex	WT_veg	NOTEST	0,267086	0	-1.79769e+30	-1.79769e+30	0,165569	1	no
AN11191	ChrVI_A_nidulans_FGSC_A4	65976	WT_5hasex	WT_veg	NOTEST	0,483246	0,106128	-2,18696	1,46896	0,141843	1	no
AN3386	ChrVI_A_nidulans_FGSC_A4	877707	WT_5hasex	WT_veg	NOTEST	0,883255	0,999292	0,178078	-0,24948	0,80299	1	no
AN3273	ChrVI_A_nidulans_FGSC_A4	1263713	WT_5hasex	WT_veg	NOTEST	0,141958	0,0343146	-2,04857	0,673175	0,500836	1	no
AN3230	ChrVI_A_nidulans_FGSC_A4	1392710	WT_5hasex	WT_veg	OK	25,8811	8,37504	-1,62773	2,56692	0,0102607	0,0531618	no
AN9005	ChrVII_A_nidulans_FGSC_A4	152385	WT_5hasex	WT_veg	OK	0,496982	4,36502	3,13472	-4,13723	3,51517E-05	0,000440464	yes
AN8910	ChrVII_A_nidulans_FGSC_A4	481319	WT_5hasex	WT_veg	OK	5,96852	19,983	1,74333	-3,55629	0,000376124	0,00340833	yes
AN1784	ChrVII_A_nidulans_FGSC_A4	1869035	WT_5hasex	WT_veg	NOTEST	0,0890433	0,0488626	-0,865778	0,505019	0,613546	1	no
AN2032	ChrVII_A_nidulans_FGSC_A4	2640607	WT_5hasex	WT_veg	OK	2,08645	0,403534	-2,37029	3,0029	0,00267424	0,017755	yes
AN2035	ChrVII_A_nidulans_FGSC_A4	2650660	WT_5hasex	WT_veg	NOTEST	1,3717	0,151016	-3,1832	2,85961	0,00424157	1	no
easB	ChrVII_A_nidulans_FGSC_A4	4313089	WT_5hasex	WT_veg	OK	36,9728	20,2898	-0,865708	1,55704	0,11946	0,326719	no
afog	ChrVIII_A_nidulans_FGSC_A4	1721736	WT_5hasex	WT_veg	NOTEST	0,0641172	0,20641	1,68673	-1,23155	0,218117	1	no
afoe	ChrVIII_A_nidulans_FGSC_A4	1734327	WT_5hasex	WT_veg	NOTEST	0,767892	0,102947	-2,899	2,03069	0,0422866	1	no
AN0523	ChrVIII_A_nidulans_FGSC_A4	3279991	WT_5hasex	WT_veg	NOTEST	0,186924	0,0807291	-1,21129	0,776755	0,437303	1	no
mdpG	ChrVIII_A_nidulans_FGSC_A4	4443883	WT_5hasex	WT_veg	NOTEST	1,14865	2,27147	0,983688	-1,38197	0,166981	1	no

NRPS

test_id	Chromosome	Coordinate	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
AN6444	ChrI_A_nidulans_FGSC_A4	155232	WT_5hasex	WT_veg	NOTEST	0,215656	0,195057	-0,144842	0,0872848	0,930445	1	no
AN6236	ChrI_A_nidulans_FGSC_A4	797657	WT_5hasex	WT_veg	OK	12,9608	2,96456	-2,12826	4,25653	0,000020762	0,000275506	yes
AN7884	ChrII_A_nidulans_FGSC_A4	118327	WT_5hasex	WT_veg	NOTEST	0,956073	0,235559	-2,02103	3,13753	0,00170376	1	no
AN8105	ChrII_A_nidulans_FGSC_A4	766659	WT_5hasex	WT_veg	NOTEST	0	0	0	0	1	1	no
AN10486	ChrII_A_nidulans_FGSC_A4	2673330	WT_5hasex	WT_veg	OK	3,95773	6,82228	0,785582	-1,26859	0,204588	0,460874	no
inpB	ChrII_A_nidulans_FGSC_A4	3983380	WT_5hasex	WT_veg	NOTEST	0,200368	0,222299	0,149853	-0,135066	0,89256	1	no
inpA	ChrII_A_nidulans_FGSC_A4	3991242	WT_5hasex	WT_veg	NOTEST	0,08683	0,218684	1,33258	-0,841159	0,400259	1	no
AN4827	ChrIII_A_nidulans_FGSC_A4	857929	WT_5hasex	WT_veg	NOTEST	1,27456	2,68656	1,07577	-1,40251	0,160763	1	no
ivoA	ChrIII_A_nidulans_FGSC_A4	1433761	WT_5hasex	WT_veg	NOTEST	0,773135	1,10822	0,519452	-0,683505	0,494288	1	no

Supplementary table 4

tdiA	ChrV_A_nidulans_FGSC_A4	735712	WT_5hasex	WT_veg	NOTEST	0,0818122	0	-1.79769e+30	-1.79769e+30	0,224063	1	no
AN5318	ChrV_A_nidulans_FGSC_A4	3160321	WT_5hasex	WT_veg	OK	50,1556	224,264	2,16072	-4,03635	5,42881E-05	0,000643475	yes
AN9226	ChrVI_A_nidulans_FGSC_A4	29166	WT_5hasex	WT_veg	NOTEST	0,334157	0,0943214	-1,82487	1,23681	0,216158	1	no
AN9129	ChrVI_A_nidulans_FGSC_A4	357610	WT_5hasex	WT_veg	OK	3,79577	0	-1.79769e+30	-1.79769e+30	0,00501028	0,0297861	yes
AN3396	ChrVI_A_nidulans_FGSC_A4	841204	WT_5hasex	WT_veg	OK	21,9492	14,7316	-0,575258	1,17687	0,239247	0,505083	no
AN2924	ChrVI_A_nidulans_FGSC_A4	2380864	WT_5hasex	WT_veg	OK	9,60139	5,48562	-0,807589	1,29454	0,19548	0,448164	no
acvA	ChrVI_A_nidulans_FGSC_A4	3362470	WT_5hasex	WT_veg	NOTEST	0,159556	0,0689839	-1,20973	0,809966	0,417959	1	no
AN1680	ChrVII_A_nidulans_FGSC_A4	1593566	WT_5hasex	WT_veg	OK	3,13009	4,49235	0,521267	-0,844754	0,398248	0,670819	no
AN2064	ChrVII_A_nidulans_FGSC_A4	2734447	WT_5hasex	WT_veg	OK	16,7536	66,7541	1,99439	-3,70912	0,000207985	0,00206261	yes
easA	ChrVII_A_nidulans_FGSC_A4	4288452	WT_5hasex	WT_veg	OK	4,10882	7,34863	0,838751	-1,59232	0,111313	0,311608	no
AN9244	ChrVIII_A_nidulans_FGSC_A4	43422	WT_5hasex	WT_veg	NOTEST	0,127532	0,36678	1,52405	-1,48372	0,137884	1	no
AN11820	ChrVIII_A_nidulans_FGSC_A4	186926	WT_5hasex	WT_veg	NOTEST	0,748342	0	-1.79769e+30	-1.79769e+30	0,0261488	1	no
AN1242	ChrVIII_A_nidulans_FGSC_A4	1072960	WT_5hasex	WT_veg	NOTEST	0,94576	0,343445	-1,46139	2,33641	0,0194698	1	no
sidC	ChrVIII_A_nidulans_FGSC_A4	2999412	WT_5hasex	WT_veg	OK	3,67754	1,99965	-0,878995	1,80783	0,0706337	0,227043	no

DMAT

test_id	Chromosome	Coordinate	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
xptA	ChrI_A_nidulans_FGSC_A4	3155576	WT_5hasex	WT_veg	NOTEST	0,712189	0	-1.79769e+30	-1.79769e+30	0,0399057	1	no
AN11080	ChrV_A_nidulans_FGSC_A4	636591	WT_5hasex	WT_veg	OK	8,69101	6,98892	-0,314454	0,48241	0,629515	0,830133	no
tdiB	ChrV_A_nidulans_FGSC_A4	739014	WT_5hasex	WT_veg	NOTEST	0,7938	0	-1.79769e+30	-1.79769e+30	0,0374437	1	no
AN11202	ChrVI_A_nidulans_FGSC_A4	18451	WT_5hasex	WT_veg	NOTEST	0,25124	0	-1.79769e+30	-1.79769e+30	0,137528	1	no
AN11194	ChrVI_A_nidulans_FGSC_A4	20153	WT_5hasex	WT_veg	NOTEST	0	0	0	0	0	1	no

Diterpene synthases

test_id	Chromosome	Coordinate	sample_1	sample_2	status	value_1	value_2	log2FC	test_stat	p_value	q_value	significant
AN3252	ChrVI_A_nidulans_FGSC_A4	1332079	WT_5hasex	WT_veg	NOTEST	0,0676332	0	-1.79769e+30	-1.79769e+30	0,23809	1	no
AN1594	ChrVII_A_nidulans_FGSC_A4	1284404	WT_5hasex	WT_veg	NOTEST	0,0806641	0,0611783	-0,398906	0,114813	0,908593	1	no
AN9314	ChrVIII_A_nidulans_FGSC_A4	252332	WT_5hasex	WT_veg	NOTEST	0,227169	0	-1.79769e+30	-1.79769e+30	0,0537957	1	no