

Table S7. Expression levels (FPKM values) of 103 CsDof genes across 12 different tissue samples.

Name	CsDof1	CsDof2	CsDof3	CsDof4	CsDof5	CsDof6	CsDof7	CsDof8	CsDof9	CsDof10	CsDof11	CsDof12	CsDof13	CsDof14	CsDof15	CsDof16	CsDof17	CsDof18	CsDof19	CsDof20	CsDof21	CsDof22
C_r1	0.618335	2.91878	0.924871	1.38355	6.61165	3.35082	2.5508	1.37185	0	4.05686	0.27675	0	0.866932	0.469684	3.22966	0.846489	2.32094	0	0	0.529854	0.104717	1.9571
C_r2	0.412242	1.65013	0.438673	1.12343	7.78906	2.03219	1.99353	1.36658	0	3.60898	0.184374	0.11406	2.8886	0	2.89713	1.35016	2.05326	0	0	0.421957	0.208476	1.01025
C_r3	0	1.85437	0.612278	1.06816	5.87899	2.53112	1.73777	2.03414	0	3.59169	1.66283	0	1.60238	0	3.62745	1.56802	1.09867	0	0.205399	0.589577	0.145653	0.655294
EMSD_r1	0	0.347758	0.423802	0.245907	2.81342	0.466545	0.240127	4.61754	0	1.1887	0.436245	0	3.18402	0	2.8388	0.540616	1.40186	0	0	2.21641	2.19051	1.39897
EMSD_r2	0.863824	1.06659	0.0930146	0.216238	3.02695	0	0.844386	12.2626	0.105235	1.04039	1.35511	0	3.03048	0	1.81656	0.356964	1.50012	0	0	0.597515	0.811905	0.996103
EMSD_r3	0	0.734634	0.513893	0.748473	1.74507	0	0.730376	5.33756	0	1.25182	0	0	3.4075	0.229926	3.46123	0.82514	1.03193	0.15016	0	1.64581	2.13439	0.316677
ESD_r1	1.15314	4.49383	0.244378	0.14231	5.43974	0	0.138879	3.42627	0	1.53199	1.80366	0	2.42282	0	4.78539	1.09786	0.803588	0.428252	0	1.66402	0.773757	3.11374
ESD_r2	0	2.47932	0.55437	0.486471	3.02969	0.153357	0.316248	3.02587	0.315268	1.62739	2.41242	0.18187	1.26364	0	3.07227	2.51028	1.90991	0	0	2.42909	0.981645	2.60743
ESD_r3	0.548174	2.23031	0.246109	0	1.37312	0	1.39035	3.062	0	0.694899	1.98022	0	1.0304	0.424975	5.07101	4.05651	0.909878	0	0	1.98878	0.393191	3.46614
F_r1	0	3.27078	0.332654	2.31928	2.54249	0.733015	4.15114	1.03587	0	2.55961	2.0725	0.431069	2.88334	1.17535	6.89966	4.67836	0.731984	1.16318	0	1.60334	3.69712	4.93435
F_r2	0.355474	4.74895	0.152643	2.83994	4.39221	0.504752	1.03959	1.26774	0.17275	0.853083	1.59239	0	2.32707	0.811674	5.21955	2.73549	2.23663	0.8902	0	1.34766	1.81603	4.27356
F_r3	1.07102	4.07526	0.787183	2.18961	5.18843	0.34635	1.0693	0.65327	0.44425	2.54522	1.44625	0.101524	5.35792	0.961608	5.35939	3.90758	2.1455	0.823559	0	2.34711	3.76193	5.20427
GS_r1	0	0.649713	0.220705	0.205538	0.170405	0	0.1003	0.641719	0.449998	0.8309	0.278327	0.401715	0.96903	0	0.107974	0.962366	0.516497	0	0.298207	0.636866	0.41954	0.762393
GS_r2	0.0937665	0.918615	0.673271	0.145986	0.195704	0.0231108	0.0475463	0.698058	1.04303	0.891006	0.169348	0.162157	1.05746	0.0363401	0.102012	0.426857	0.528889	0	0	0.323015	0.319307	0.453166
GS_r3	0	0	0	0	0.884632	0	0	0.957562	0	0.966561	0	0	0	0.817401	0	0	0.337886	0	0	1.11048	0	1.13929
IF_r1	0.580285	3.20009	0.979463	5.13613	7.60657	0.540527	3.0628	0.763008	1.11039	0.851965	1.03645	0	0.541598	0.438433	2.09931	3.46049	1.25142	1.14491	0	2.15634	1.93694	5.83396
IF_r2	2.84687	2.48644	0.911779	4.95112	5.85257	0.670291	2.41626	0.315574	2.40905	0.84822	0.636999	0	3.32589	0	3.34356	2.72648	0.444839	0	0	2.43738	2.40852	3.75124
IF_r3	1.50388	1.84682	1.2893	5.74825	4.33343	0.236887	2.92748	0.892375	1.21615	0.750282	1.34693	0	1.87487	0.190632	3.54373	2.33889	0.944253	0.501381	0	1.98289	3.23738	3.98032
LSD_r1	0	0	0.665003	0.465098	0.517361	0	0.151274	0.138154	3.46879	0.462486	0.28207	0	0	0	0	0.170963	0.388214	0.466547	0	0	0.105165	0.218461
LSD_r2	0	0	1.01175	0.169175	0.28787	0.319942	0.164957	0.300563	3.94666	0.498827	0	0	0	0	0	0	0.523841	1.69717	0	0	0.22739	0
LSD_r3	0	0.225565	0.829321	0.322431	0.809324	0	0	0.143597	6.27253	0.384077	0	0	0	0	0	0.355721	0.806094	0.808601	0	0	0	0.340327
LMSD_r1	0.577619	0.719905	0.752522	0.582558	2.62598	0	0.711004	0.780984	2.69387	0.175687	1.55568	0	0.270438	0	0	0.48049	1.10517	0.146081	0	0.504174	0.498265	0.413729
LMSD_r2	1.01763	0.42842	0.436174	0.608768	1.8431	0	0.297116	0.362273	0.987438	0.609163	1.45826	0	0.951486	0	1.06566	0.670253	0.894427	0.101772	0	0.489982	0.622535	1.00542
LMSD_r3	0	0.482285	0.589049	0.513705	2.82447	0	0.835767	0.611523	1.1666	0.205764	0.92158	0	0.641309	0	0.179835	0.188495	0.755263	0.171759	0	0.591001	0.817639	0.727597
OL_r1	0	0.742031	12.0139	0.263687	6.10091	1.4995	0	1.41209	0	10.4441	0	0	1.98021	0	4.43154	0	3.98323	0	0	1.45482	0.179702	0.373159
OL_r2	0.256938	0.527579	6.89552	0	2.10089	1.30871	0	1.11929	0	5.39062	0.458389	0	4.31345	0	1.58514	0	2.67121	0	0	1.55117	0.34058	0.619109
OL_r3	0	1.76406	12.9663	0.157477	3.94582	2.83339	0	1.54338	0	5.82132	0.286913	0	1.49974	0	3.97312	0	2.56158	0	0	1.29669	0.213531	0.665389
R_r1	1.31357	2.56677	13.8225	8.14555	4.42189	1.13395	5.29763	1.63529	0.233007	1.18715	1.90187	0	4.28482	1.11064	15.0322	0.793259	8.17329	0.961311	0	4.70269	3.02545	10.3835
R_r2	1.45864	2.05024	16.6042	6.75363	5.65846	0.67304	3.988	1.02874	0.518592	1.53361	0.65011	0	4.75937	0.685858	15.9781	1.07865	8.10275	1.24799	0	4.9927	3.06798	7.87408
R_r3	0.173649	2.35108	16.7396	3.69223	3.56371	0.488113	3.26818	0.918972	0.334192	0.976363	0.310522	0	2.27068	0.263106	18.4957	1.23	4.63598	1.29197	0	4.31362	2.39394	6.36658
S_r1	0.189602	12.4593	1.67749	5.58612	7.76293	1.05811	4.99655	0	0.271716	2.66718	1.01565	0	6.19253	0.715787	7.04591	2.66916	3.2066	1.68105	0	4.41149	4.80105	5.77391
S_r2	1.0507	9.0337	3.31883	4.64198	6.02203	1.2212	4.27786	0.804388	0.125439	2.00066	0.938	0.14416	3.67664	0.198302	6.23465	2.13279	3.39099	0.776073	0	4.07283	4.46163	8.26862
S_r3	0.225235	13.8577	2.34718	7.01229	6.61756	1.76325	5.77202	0.390207	0.213127	2.5411	0.802762	0	5.24803	0.677177	7.7197	1.81391	3.35074	1.09911	0	5.25209	4.52187	2.61839
YL_r1	0.347045	2.03335	0.146437	2.90094	3.9805	0.323253	3.49681	2.12942	0	1.22279	1.23972	0	1.29563	0.262205	2.15223	3.38646	0.641471	0.171174	0.332381	2.2274	0.57917	0.721834
YL_r2	0.340104	0.949376	0	1.35069	4.19369	1.59994	3.79014	0.753213	0	3.13717	2.13037	0.188518	2.22478	0.258141	2.83791	2.60354	0.636889	0	0	2.21025	0.574753	1.07423
YL_r3	0.311061	1.83505	0.462173	2.15271	3.31918	0.801236	3.30139	1.8513	0	2.20826	1.39052	0	0.871576	0.353427	2.34276	1.52494	0.530874	0.15424	0.149025	2.27484	0.731847	1.03142

Name	CsDof23	CsDof24	CsDof25	CsDof26	CsDof27	CsDof28	CsDof29	CsDof30	CsDof31	CsDof32	CsDof33	CsDof34	CsDof35	CsDof36	CsDof37	CsDof38	CsDof39	CsDof40	CsDof41	CsDof42	CsDof43	CsDof44
C_r1	0.511221	0.592923	3.68238	9.38113	2.7807	1.00994	3.14338	2.13948	0.554811	0	0.984244	0.25528	1.12296	0	4.17317	5.10377	0	0.953737	1.53652	2.20584	0.72795	0.957674
C_r2	0.621695	0.236159	3.68364	10.4683	1.49053	0.595848	3.56495	2.02815	0.27635	0	1.1613	0.0847484	0.541945	0.106726	3.844	6.59579	0	0.140652	1.83531	1.80429	0.345052	1.63541
C_r3	0.395181	0.439735	4.43627	11.714	1.78505	1.14446	2.0973	1.65334	0.0642685	0	0.912597	0.207041	1.11236	0.185987	4.3377	6.29571	0.223395	0.611432	1.47235	2.16087	0.313405	1.14109
EMSD_r1	0.549706	0.190497	0.626764	3.34417	3.26892	0.180404	0.58935	1.14795	0.8891	0	0.703498	0.20482	0.985935	1.02689	0.998144	0.88429	0	2.21641	2.638	1.35453	0	1.53505
EMSD_r2	1.02183	1.42006	0.684252	3.48586	2.78892	1.02789	0.389602	1.65184	1.26902	0	0.693601	0.359503	0.719647	0.6776	1.30891	0.582501	1.98935	0.253631	3.10497	1.3118	0	0.674056
EMSD_r3	1.15627	0.92163	0.938049	3.04026	4.15282	0.762791	0.360859	2.07617	1.34929	0	0.424709	0.868531	0.594408	0.782398	1.57231	1.61016	0	2.88017	2.78341	0.827023	0	0.399215
ESD_r1	0.864883	0.657592	1.72721	5.54234	3.16137	0.414727	1.54278	3.01079	1.53974	0	2.3237	0.47207	0.659957	1.93361	2.85155	3.57284	0	1.1746	3.02727	1.57194	0.288143	1.64516
ESD_r2	1.6778	0.867697	2.19797	5.05447	3.23239	1.05397	0.786539	0.636239	1.4574	0	1.14044	0.133734	0.212523	3.39465	1.83846	2.31856	1.87358	0.560787	3.09235	1.2581	0.43319	2.44259
ESD_r3	1.12605	0.221746	2.33135	6.55628	3.61187	1.26132	1.69654	0.574278	3.35241	0	4.30583	0	0.191804	5.04517	2.19364	1.53909	0	1.19327	3.27144	0.938128	0.585831	1.01799
F_r1	6.23851	3.28686	3.42952	6.23353	5.66321	2.26292	3.71266	2.31273	3.83988	0	2.75714	2.25015	2.05992	2.01858	6.05153	5.55481	3.12598	0	2.06689	3.8363	2.36039	2.75486
F_r2	5.81509	2.32986	2.4675	7.22568	4.8221	4.1508	3.62634	2.47376	2.243	0	2.27559	1.03236	2.00664	2.22506	3.21896	6.05477	1.98371	0	1.30282	1.76248	1.20234	3.63484
F_r3	3.89093	2.40803	4.83155	5.51337	6.08097	4.56264	3.71028	2.25817	4.37461	0	2.28985	0.989406	2.62961	2.85622	5.20833	5.50049	0.582827	2.90552	2.02482	2.2091	1.1832	3.09478
GS_r1	0.710843	0.356443	1.4222	4.57037	0.928441	0.56208	0.309257	1.25846	0.0463459	0.0982329	1.20503	0.341106	1.09062	1.07395	2.88792	1.79751	0	0.884536	0.34198	1.1915	0.208316	0.594251
GS_r2	0.412518	0.625557	1.43685	2.92701	0.548901	0.305501	0.203078	0.687272	0.0440924	0.0892279	0.736162	0.244218	0.85259	0.888052	3.2001	1.24999	0	0.510024	0.427704	0.882284	0.166929	0.413385
GS_r3	1.78675	0	1.35553	3.18371	0.747145	0.391908	0	1.06774	0	0	2.2918	0.445587	0.356635	1.12042	2.16129	1.92562	0	1.11048	0.357846	0.591657	0.363273	0.47748
IF_r1	4.40672	3.73254	3.45555	8.69188	2.17642	4.77653	3.78371	0.753635	1.28589	0	1.82115	1.1824	2.26554	0.298283	4.56539	10.23	0	1.17619	1.89443	1.26123	1.15407	3.55089
IF_r2	5.29079	3.00041	3.26841	7.4928	1.47595	3.87162	5.10518	1.17162	2.87161	0	0.251538	0.880817	1.64361	1.10857	3.19911	7.29815	0	3.89981	0.706805	1.95188	0.956746	2.5177
IF_r3	7.14225	2.7007	2.62977	10.1718	2.69724	3.37748	3.75562	0.497342	1.35334	0.237536	1.7793	2.07606	2.57482	0.783302	3.39677	7.4025	0	2.24153	2.00019	2.75783	1.52291	2.66984
LSD_r1	0.0854261	0	0.0646585	7.60594	0.214857	0	0.186974	1.02291	6.42625	0	0.109872	0	0.717509	0.648323	0.154861	3.19524	0	0	0.205707	0.342709	0	0
LSD_r2	0	0.258484	0.346907	7.83536	0.232382	0	0.205259	0.773706	6.68834	0	0.356664	0.278916	0.110761	0.3542	0.666259	2.87165	0	0.460385	0.222297	0.375119	0	0.149856
LSD_r3	0	0	0.201206	9.81189	0.334695	0.117128	0.389207	1.06215	6.09885	0	0.228221	0	0.106434	0.674311	0.321381	2.88798	0	0.221062	0.320401	1.06962	0.108444	0.143199
LMSD_r1	0.731058	0.676242	1.049	6.43256	2.44218	1.06716	1.22276	0.775829	1.31586	0.274027	0.416111	0.72728	0.680219	0	0.884752	2.48655	0.635369	0	1.85254	0.160519	0.0989706	0.519253
LMSD_r2	0.957093	0.313251	0.597831	5.41979	2.47251	0.963491	0.4879	1.2787	0.640976	0	0.505627	0.252841	0.337184	0.105999	0.970356	3.64262	0	1.67994	1.42098	0.783721	0.0686932	0.180643
LMSD_r3	0.570556	1.32222	1.29858	7.26146	1.19289	0.250287	0	1.02285	2.47305	0	0.365908	0.426848	1.13881	0	1.03524	3.07437	0.956942	0	2.17109	0.944592	0.232001	0.152465
OL_r1	0.584972	0.406949	5.5453	6.92976	18.5367	0	0	3.49678	5.71079	0	1.50131	0.437988	0.700779	0.826484	3.05106	1.89314	0	5.81928	2.98844	10.4763	0.178461	0
OL_r2	0.760499	0.0965626	7.79372	5.84258	9.74194	0.365259	0	1.90471	1.35823	0	0.711716	0.104036	0.331936	0.131377	4.44853	1.23809	2.25238	1.54278	1.99847	5.97359	0.0845499	0.223239
OL_r3	0.606955	0.484265	6.43017	9.58827	11.7791	0.686963	0	1.34998	2.69573	0	1.00395	0.391275	1.14464	0.493948	4.32221	3.66833	0.968917	3.3518	2.71482	9.92298	0	0.139919
R_r1	11.2666	2.81977	4.97168	46.6841	3.97407	8.5774	1.44716	10.5083	10.1381	0	1.97604	1.6516	13.7943	6.9322	5.64008	19.1615	0	2.46071	3.11708	25.6196	3.37976	1.48894
R_r2	12.0112	2.525	5.2064	49.9368	5.03947	11.2275	1.28775	12.4032	7.36231	0	1.25722	0.956007	12.722	7.71321	5.57446	21.8041	0.537406	1.34996	2.52964	31.1563	1.79206	1.18372
R_r3	9.59007	2.38154	3.70498	38.1759	5.12894	7.26006	1.24074	7.49777	6.73662	0	2.19557	1.56703	15.8799	6.55091	4.5632	18.7121	0.528171	1.71698	2.28447	28.2594	1.15967	1.52742
S_r1	9.5969	4.86995	7.61429	31.6623	4.77526	3.04812	2.02075	3.31811	10.5716	0	5.4118	1.69712	4.06379	4.67188	7.86171	20.1078	1.67601	0.756001	3.76882	5.7621	1.56829	1.57215
S_r2	7.67533	5.15741	5.1105	45.3766	5.36191	2.62655	2.1769	2.63789	8.25009	0	3.93008	1.81618	2.72858	3.90928	3.9295	36.9766	0	2.92181	2.82351	8.12313	1.21622	1.48974
S_r3	8.3613	5.88753	6.54913	32.3969	6.13441	3.1808	3.04436	2.23487	12.9234	0	3.64091	1.6316	3.25086	2.97935	6.70354	30.1163	0.65991	1.89113	3.55205	5.45428	1.25136	1.75105
YL_r1	0.376474	0.65652	5.84317	4.18729	1.06491	1.11776	2.67423	0.112673	0.461402	0	2.17819	0.707111	0.790331	0.178384	7.33742	1.83535	0	0.117232	0	1.31997	1.03525	2.27523
YL_r2	0.56107	0.781155	5.81276	5.57953	1.17405	2.21746	4.87546	0	0.913871	0	2.28103	1.26133	1.12061	0.176421	8.90501	2.57503	0	0.465315	0.562216	0.931939	0.570776	3.45531
YL_r3	0.850053	1.06611	6.02168	4.55736	0.907701	1.62499	3.333	0.0508532	0.346646	0	2.62092	0	2.29307	0.241053	7.43805	1.6547	0	1.00516	0.409051	2.2077	0.051912	2.05135

Name	CsDof45	CsDof46	CsDof47	CsDof48	CsDof49	CsDof50	CsDof51	CsDof52	CsDof53	CsDof54	CsDof55	CsDof56	CsDof57	CsDof58	CsDof59	CsDof60	CsDof61	CsDof62	CsDof63	CsDof64	CsDof65	CsDof66
C_r1	4.34786	0.291215	0	0.413968	2.22329	0	1.43036	0	0	0	0	0.722243	0	0	0	0.198386	2.06564	6.61315	0.188142	1.19812	0	0.500788
C_r2	2.60391	0.388149	0	0.618096	1.07294	0	2.1511	0	0	0.121592	0	0.58548	0	0	0	0	2.05819	6.85126	0.875636	3.10194	0	0.914337
C_r3	3.22037	0	0	1.17562	1.45261	0	1.26025	0	0	0.0424982	0	0.40946	0	0	0	0.229973	2.42659	6.9111	0.958075	3.30432	0	0.986423
EMSD_r1	1.19428	1.37478	0	1.499	2.76568	2.36498	1.38253	0	0.689647	3.84	0.814517	0.777081	0	0.436245	1.49676	4.63186	0.236194	0.730105	0	0.769762	0	5.62683
EMSD_r2	1.49483	2.44291	0	1.31311	4.63078	2.44377	1.61377	0	0.914033	4.07167	1.26328	0.339752	0	0	2.11134	3.77639	0	0.511146	0	1.01272	0	8.11117
EMSD_r3	1.95579	1.431	0	1.50661	3.62833	1.95405	1.29494	0	1.69929	5.50979	0.252773	1.01092	0	0	2.01736	4.13835	0	0.878447	0	0.698436	0	3.28539
ESD_r1	1.27339	0.813947	0	2.58074	4.94623	4.63507	2.46503	4.44805	1.81504	2.62229	4.07646	3.55377	3.8867	3.09198	5.92373	3.84696	0.68274	4.01367	0	0.664439	0	2.66214
ESD_r2	0.552466	0.637097	0	1.93972	6.73042	7.00927	3.07165	5.44951	1.63071	4.28094	3.35354	1.91052	3.94356	2.11087	5.59958	3.81736	0.932321	1.69233	0.200247	1.00224	0	3.27729
ESD_r3	0.995069	0	0	2.52674	5.69783	13.9262	3.41065	1.36029	4.34499	3.62658	0.463534	2.27593	4.47834	0.495055	10.3358	3.54391	2.18903	2.90309	0	0	0	3.03768
F_r1	3.20892	2.90529	0	1.30505	3.82366	0	4.57162	0	0	2.31282	0	1.01336	0	0	0	2.75255	4.08254	2.05785	0.472118	2.7169	0	1.26137
F_r2	2.32941	1.67496	0	1.6752	2.45388	0	3.30828	0	0	2.33172	0.2968	2.59959	0	0	0	2.75279	3.40775	2.40989	0	3.1847	0	0.289334
F_r3	2.53917	2.52998	0	2.29324	2.54305	0.145423	4.23221	0	0	1.97998	0.750903	2.84752	0	0	0	2.19969	3.68181	3.26282	0.110972	1.717	0	0.597474
GS_r1	1.84113	0	0.0994022	0.863795	0.438587	0	0.668427	0	0	1.43755	0	0.348105	0	0	0	0.894054	0.345176	0.181413	0.251756	0.040016	0	0.209098
GS_r2	0.850622	0	0.045099	1.24612	0.925424	0.230494	0.613782	0	0	0.900483	0	0.168603	0	0	0	0.63777	0.0935731	0.23356	0.442387	0	0	0.159806
GS_r3	0.740844	0	0	0	0.706103	0	0.333186	0	0	1.28092	0	0	0	0	0	1.03965	0	0.633149	0	0.418351	0	0.437087
IF_r1	1.56936	1.63764	0	1.5313	2.24255	2.79474	3.5253	0	0	2.54022	0.964097	2.22269	0	0	0	1.65064	4.65367	5.02194	0.350077	3.54966	0	1.15956
IF_r2	0.975639	2.68134	0.682236	0.952137	1.62704	0	2.41248	0	0	2.95068	0.593289	3.69114	0	0	0	2.50956	2.37595	2.91691	0.432887	2.75591	0	0.863948
IF_r3	1.38037	1.18082	0	2.02079	1.72669	1.61815	3.64683	0	0	2.61002	0.20917	1.95947	0	0	0	1.85628	4.43814	3.90716	0.305693	2.72861	0	1.12002
LSD_r1	0.745579	0.891555	0	0.415696	0.304379	0.253427	0.765513	0	0	6.15927	0	0.16085	0	0	0	3.98282	0	0.817825	0.1903	0	0	0.377858
LSD_r2	0.230359	2.99855	0	0.786295	0.438456	0	1.03269	0	0	5.25455	0	0	0	0	0	4.30141	0.324188	0.68586	0	0.130624	0	0.956878
LSD_r3	0.884879	1.86158	0	0.215831	0.842791	0	0.596048	0	0	5.15312	0	0.166919	0	0	0	4.34204	0.154624	0.848926	0	0	0	0.39261
LMSD_r1	0.706336	0.272477	0	1.28048	0.673428	0	1.27154	0	0	2.53207	0	0.459242	0	0	0.177468	3.30554	0	1.29483	0	0.455445	0	0.11892
LMSD_r2	0.560374	0.191763	0	1.64071	1.80248	0	1.51195	0	0	1.33201	0	0.371212	0	0	0	2.62111	0.681739	1.79562	0	0.553854	0	0.496023
LMSD_r3	0.591416	0.969351	0	0.808105	1.46558	0.276872	0.851153	0	0	2.24965	0	0.358304	0	0	0	2.10257	0	1.41526	0	0.801519	0	0.279137
OL_r1	8.73506	6.4854	0	1.42082	2.94833	0	2.9458	0.431414	0	1.5728	0	0.964222	0	0	0	1.36186	0.253098	5.44188	1.29046	0	0	0.429614
OL_r2	4.39811	0.24155	0	0.336553	2.13561	0	1.93646	0	0	0.744092	0	1.36673	0	0	0	0.403032	0	2.50069	1.23472	0	0	0.61211
OL_r3	8.21819	0.302337	0	1.37156	1.545	0	2.33126	0	0	2.70614	0	1.30604	0	0	0	0.909719	0.151055	3.41282	0.38675	0	0	1.15109
R_r1	11.7651	4.62791	0	1.17447	4.01262	0	14.6416	0	0	1.46298	0	8.12851	0	0	0	0.920457	13.325	4.7579	0.58927	6.31836	0.141935	0.0647774
R_r2	13.1	4.28358	0	1.06999	2.84338	0	14.1712	0	0	1.52415	0	8.31844	0	0	0	0.683321	12.3573	6.28581	1.31084	5.51684	0	0
R_r3	6.68197	4.90381	0	0.692441	3.94392	0	16.9025	0	0	1.7365	0	11.9815	0	0	0	1.16126	10.0522	5.35164	0.84174	4.54524	0	0
S_r1	3.39095	4.27996	0	3.37105	4.2663	0	5.9782	0	0	1.43586	0	5.41152	0	0	0	1.13645	14.4688	5.18594	0.685557	6.15107	0	0.0756503
S_r2	2.74668	4.69401	0	2.67999	3.71368	0	6.20904	0	0	1.98839	0	4.48287	0	0	0	1.15963	18.0596	7.18151	1.42432	5.81264	0	0
S_r3	2.85317	5.71358	0	3.00324	2.50262	0	4.85397	0	0	1.35985	0	4.18964	0	0	0	0.982311	17.3366	5.44037	1.6169	6.79943	0	0
YL_r1	0	0	0	1.37363	0.223517	0	1.47575	0	0	1.01274	0	1.59506	0	0	0	0	1.63709	3.80411	0.418721	3.1842	0	0.970836
YL_r2	0	0	0	1.93128	0.221862	0	1.77933	0	0	0.804656	0	0.792628	0	0	0	0.435523	4.37499	2.58518	0	4.34089	0	0.137462
YL_r3	0.0529407	0.2928	0	1.49817	0.554859	0	1.76068	0	0	1.326	0	0.400238	0	0	0	0.693098	2.5083	3.11875	0.47108	3.65051	0	1.25093

Name	CsDof67	CsDof68	CsDof69	CsDof70	CsDof71	CsDof72	CsDof73	CsDof74	CsDof75	CsDof76	CsDof77	CsDof78	CsDof79	CsDof80	CsDof81	CsDof82	CsDof83	CsDof84	CsDof85	CsDof86	CsDof87	CsDof88
C_r1	0	0	1.43218	0	0	0	0	0	0.111138	0.207127	0.126994	3.62026	0	0	0.738711	1.85574	2.44444	0	0.637256	0.809403	1.71899	1.52197
C_r2	0	0	1.52035	0	0	0	0	0	0	0.0687248	0.421589	2.58658	0.10847	0	1.35055	1.37149	3.2495	0.28112	0.79819	0.359432	1.70853	1.91057
C_r3	0	0	1.72674	0	0	0	0	0	0.360655	0.072026	0.147139	3.57298	0.0756019	0	1.75274	1.28821	3.234	0.581637	0.640559	0.685929	1.92556	1.60542
EMSD_r1	0.365925	2.5164	1.23046	0	0	0.640966	0.488385	0	1.78695	0.333337	0	1.04709	0	0	1.17728	0.327767	1.39301	0.651942	0	1.27693	0.727504	0.540021
EMSD_r2	0.161827	2.70181	1.41384	0	0	0.282837	1.73822	0	3.44578	0.146001	0.089423	0.785566	0.229516	0.241209	2.20506	0	2.33107	0.584634	0.449848	0.943923	0.581214	0.237711
EMSD_r3	0.225984	2.88386	2.6858	0	0	0	0.612279	0	2.26623	0	0.123442	1.7105	0.159054	0.167313	1.62185	0	2.72416	0.833834	0.685695	0.264774	0.397196	0
ESD_r1	0.214497	4.84328	2.46818	1.4872	3.18354	16.2644	2.61089	6.95696	3.49115	0.0956491	0	0.9426	0	0	1.54087	0.191345	3.88301	1.97141	0.391779	0.753342	0.963432	0.469978
ESD_r2	0.248513	6.58124	2.97643	4.25107	7.14353	10.3304	2.73691	1.50776	2.55091	0.539192	0.133034	1.6387	0.172612	0	0.785527	0.441005	4.44434	4.29007	0.0731156	3.22777	0.61221	0.179095
ESD_r3	0	4.52291	2.15675	0.604059	2.83536	10.6732	5.51287	1.48517	1.66612	0.194494	0.473798	0.699489	0	0	1.01674	0	4.17737	1.44783	0	1.45064	0.643898	0
F_r1	0	1.70274	4.33647	0	0	0	0	0	1.12066	1.04476	0.639669	1.8741	0.410224	0	4.17167	1.03372	6.13894	0	1.96817	1.34753	1.79778	2.12416
F_r2	0	0.261238	3.97496	0.124083	0	0	0	0	1.54164	1.07765	0	1.18093	0	0.198054	2.55664	2.37737	3.42526	2.41112	1.80265	1.24216	0.692544	2.73243
F_r3	0.135148	0.53121	4.35201	0.0642342	0	0	0	0	1.46226	1.11638	0.302926	1.4482	0.483557	0.203048	4.14186	3.63688	4.74886	2.85904	1.91957	3.13703	1.42702	2.50213
GS_r1	0.154627	0	0.828629	0	0	0	0	0	1.37311	0.103727	0.424216	0.557702	0.163725	0.114776	0.7413	0.0690075	0	0.141501	0.685012	1.35647	0.647745	1.01783
GS_r2	0.357656	0	0.506996	0	0	0	0	0	0.60532	0.349146	0.202521	0.50824	0	0.459446	0.202841	0.83617	0.0549475	0.49546	0.734366	1.07515	0.525869	1.1726
GS_r3	0	0	2.00165	0	0	0	0	0	1.55262	0	0.443338	0.648737	0	1.19675	0.643687	0	0	0	0.495142	1.87635	0.784689	0
IF_r1	0	1.26897	2.64735	0	0	0	0	0	0.822659	1.7239	0.470542	1.88713	0.606388	0	1.03064	1.15248	2.272	2.38782	4.05033	0	1.995	2.19963
IF_r2	0.531311	1.56508	3.51352	0	0	0	0	0	2.55628	0	0.292118	1.06748	0	0	1.27473	0.474458	2.81199	0	1.954	1.24197	1.20297	4.27965
IF_r3	0.187427	0.736203	2.87455	0	0	0	0	0	0.904082	1.43238	0.413113	0.830903	0.928685	0	0.300082	0.837299	2.83761	0	2.70905	1.31327	1.27839	3.4357
LSD_r1	0.234386	0	0.479058	0	0	0	0	0	4.69033	0	0.766678	0	0	0.173338	0	0	0	0	0.0709044	0.274822	0.0746301	1.53691
LSD_r2	2.33666	0	0.413614	0	0	0	0	0	2.78022	0.112407	0	0	0	0.379603	0	0	0	0.499845	0.152342	1.84068	0.318719	1.86897
LSD_r3	0.244273	0	0.497344	0	0	0	0	0	2.66774	0	0.132775	0.193356	0	0.721372	0	0	0	0	0.07356	0.286738	0.23206	2.13188
LMSD_r1	0.86881	0	0.636568	0	0	0	0	0	2.11403	0	0.120607	0.530608	0.154513	0.162322	0.697876	0	0.495308	0	0.473146	0.252929	0.250482	0.479958
LMSD_r2	1.06529	0	1.00925	0	0	0	0	0	1.6883	0.06841	0.167709	0.797279	0.646318	0	1.21826	0.13597	0.115199	0	0.327583	0.177726	0.494243	0.669502
LMSD_r3	0	0	0.426115	0	0	0	0	0	2.10707	0.462091	0.424693	0.621471	0.181777	0.382126	0	0	0	0.465004	0.869625	0	0.292345	1.88284
OL_r1	0	0	3.1134	0	0	0	0	0	1.52568	0	4.79349	6.6913	0	0	0.316685	1.06053	6.28818	2.15926	0.121548	5.08514	2.11759	0
OL_r2	0	0	1.93894	0	0	0	0	0	0.813847	0.0841969	0.517511	3.31685	0	0	3.02883	0.169475	3.57567	0.707644	0	2.23272	2.65497	0
OL_r3	0	0	1.9452	0	0	0	0	0	1.02044	0.211156	4.02245	3.30873	0	0	2.27701	0.424601	6.27285	0.884617	0.143914	2.23615	3.14199	0.520472
R_r1	0	0	12.4958	0	0	0	0	0	1.37736	0.480799	6.24374	1.00406	0.169822	0	6.07043	2.91357	13.0997	0.681061	6.07185	8.40648	4.16381	7.57131
R_r2	0	0	17.9148	0	0	0	0	0	0.830665	0.832793	7.38921	1.22466	0.188949	0	5.78759	4.19983	14.1681	1.51023	8.01939	10.4481	4.49132	9.01105
R_r3	0.129314	0	20.8091	0	0	0	0	0	1.42562	0.577433	8.36221	1.08649	0.456038	0	1.75554	2.30774	15.9086	1.42322	7.41345	11.652	3.0349	6.89911
S_r1	0	0	7.48231	0	0	0	0	0	0.603718	0.624702	0.76747	2.07001	0.197871	0.104085	2.91523	1.00323	6.99086	5.7271	1.10759	5.27784	3.43074	6.76783
S_r2	0	0	6.29669	0	0	0	0	0	1.20765	0.69209	1.38173	1.93687	0	0	4.03778	1.3896	6.16164	3.96807	1.00283	5.48353	2.82541	12.4981
S_r3	0	0	5.87275	0	0	0	0	0	0.708701	0.806309	0.721416	1.96813	0	0.122622	4.75908	1.18435	4.49313	7.78464	1.09757	3.71372	3.66932	9.42145
YL_r1	0	0	1.26655	0	0	0	0	0	0	0.343646	0	2.05191	0.362643	0	1.23273	1.14873	2.9116	0.475998	0.859482	0	2.34494	1.50338
YL_r2	0	0	0.838396	0	0	0	0	0	0.122007	0.454733	0.418311	2.03773	0.358594	0	1.62315	1.13292	2.87709	1.8531	1.01009	1.78005	2.13163	0.92879
YL_r3	0	0	1.14351	0	0	0	0	0	0.166481	0.413574	0.190346	2.77913	0	0	0.83222	0.51663	1.57305	2.97506	0.529525	0.135525	1.4328	0.761609

Name	CsDof89	CsDof90	CsDof91	CsDof92	CsDof93	CsDof94	CsDof95	CsDof96	CsDof97	CsDof98	CsDof99	CsDof100	CsDof101	CsDof102	CsDof103
C_r1	0.549742	4.53493	0	0	1.88142	0	2.25133	1.24413	7.84736	1.80057	2.44593	0.63766	0	0.219748	0.724943
C_r2	0.547635	4.17206	0	0	1.12582	0.142445	2.12375	2.48499	8.30435	1.79418	1.77823	0.677411	0	0	0.206174
C_r3	0.382097	4.5876	0	0	2.17744	0.0495379	2.44411	1.72594	7.2274	1.39021	2.05163	0.768359	0	0	0.072026
EMSD_r1	1.9825	1.49291	0	0.214684	0.899154	0	2.09384	0.393531	2.04734	0	1.68437	5.52552	0	0.697495	0
EMSD_r2	1.16077	1.30773	0	0.094249	1.05698	0	2.00322	0.348539	1.71906	0.105548	1.3949	8.08199	0	0.154102	0.0730003
EMSD_r3	1.60422	1.80045	0	0.130204	0.550885	0	2.99292	0.731538	2.05872	0	1.01823	6.81834	0	1.28958	0.10051
ESD_r1	1.01706	1.04707	0.287281	0	1.22113	0	5.14706	1.85093	5.77922	0	0	4.95251	0	1.83647	0
ESD_r2	0.577446	2.36077	0	0	1.40173	0	2.47712	1.88378	3.42529	0.474372	0.486733	2.53872	0.489069	1.65087	0.215677
ESD_r3	0.255614	2.32307	0	0	2.41455	0	7.97677	0.897081	2.58718	0	0.217929	1.90293	0.571981	5.19132	0.194494
F_r1	0.691834	1.81961	0	0.33706	5.19329	0	4.18001	4.35509	4.27856	0.377377	2.64169	0.642359	0.777029	1.65119	0.783568
F_r2	0.635024	2.02583	0	0.154673	3.25545	0.24682	3.01275	3.43872	3.18762	0.693059	2.82698	0.589422	0.356808	2.78599	0.957913
F_r3	1.63609	1.91361	0	0.717695	3.66209	0.251422	6.44004	3.48464	5.39573	1.42574	2.36605	0.456271	0.275068	3.22219	0.806276
GS_r1	0.367369	0.997873	0.207452	0.22366	0.566452	0	0.356161	0.250079	0.106219	0.15045	0.0777951	0.681632	0	0	0.276605
GS_r2	0.240379	0.397167	0.220923	0.17048	0.589849	0	0.322011	0.115069	0.374274	0.285278	0.130409	0.610045	0	0.170731	0.432276
GS_r3	0	1.44018	0	0	2.6228	0	0.413753	0	0	0	0	0.44521	0	0	0
IF_r1	0.764415	1.52495	0	0	2.80062	0	3.2908	2.32503	8.43531	0.556874	1.72495	1.41766	0	1.22943	0.766179
IF_r2	0.948452	1.65939	0.356937	0	2.16444	0	2.7255	3.43596	4.63429	0.34518	3.48277	0.586713	0	1.01135	1.19099
IF_r3	1.1175	0.83854	0	0.217745	1.37562	0.173872	2.79495	5.45226	4.91757	0.609892	3.88432	0.622291	0.376806	0.892131	1.34812
LSD_r1	0.553639	0.103493	0	0	0	0	0	1.77099	0.852091	0	0.117089	0.641636	0	0	0
LSD_r2	0.150566	0.223706	0.170813	0	0	0	0.129137	0.843726	0.575899	0	0.126867	0.557343	0	0	0
LSD_r3	0.43159	0.3224	0	0	0.198084	0	0	1.84665	0.774269	0.15729	0.48652	1.06677	0.162058	0.2322	0
LMSD_r1	0.782393	0.78478	0.146972	0	1.77686	0	0.225239	1.86966	2.0181	0	0.996493	0.242224	0	0.620822	0.0985657
LMSD_r2	0.5444	1.1574	0.204801	0.176793	0.744624	0	0.62601	1.4757	2.59173	0	0.615368	0.084209	0	0.869254	0
LMSD_r3	0.153159	0.574852	0	0	0	0	0.132118	2.21134	2.01082	0	0.909128	0.568649	0	0.488632	0.115523
OL_r1	1.17889	8.13618	0	0	0.967846	0	5.6928	0	4.36753	3.86076	0	1.09404	0	1.1301	0.177725
OL_r2	1.34564	4.4408	0	0	3.85849	0	2.50863	0	1.72475	1.47109	0	1.14342	0	0	0.336788
OL_r3	1.6868	6.72425	0	0	2.12713	0	3.50813	0.257261	2.81149	1.84384	0.118886	0.651566	0	0.453109	0.527889
R_r1	0.427391	1.75435	0	0	9.33011	0.112183	9.55505	9.82598	6.01937	3.03835	6.31995	0.264029	0	0.921799	1.22871
R_r2	1.10994	1.42071	0	0	6.77268	0.873135	12.6149	8.88173	5.42278	4.42147	4.7577	0.367378	0	0.384318	1.54662
R_r3	0.613773	2.12622	0	0	2.52522	0.119855	13.4186	7.53063	5.14452	4.86037	5.26265	0.782847	0.172619	1.23031	0.808406
S_r1	1.33003	4.16526	0.0939769	0	6.05575	0.130306	4.43672	12.4519	10.4288	2.72539	7.38462	0.0770756	0	3.07725	1.99905
S_r2	1.61175	3.96027	0	0	5.06424	0.180493	3.76588	12.4108	12.05	5.78769	6.81786	0.213485	0	1.66792	0.778601
S_r3	0.977334	3.28249	0	0	6.46762	0.30781	5.04242	13.6594	10.1363	4.70313	5.78099	0.181132	0	2.37115	0.806309
YL_r1	0.304763	2.73589	0	0	0.837443	0	1.4432	4.17147	2.93287	1.66515	3.99734	0.847807	0	0.245086	0.572744
YL_r2	0.301837	4.86491	0	0	1.44695	0	1.43099	5.74459	3.2595	2.14225	3.70827	0.700144	0	0.483023	0.909465
YL_r3	1.09908	3.03542	0	0	1.88432	0	1.77545	2.87247	3.22938	1.05044	4.7117	1.78412	0	0.440697	0.46527