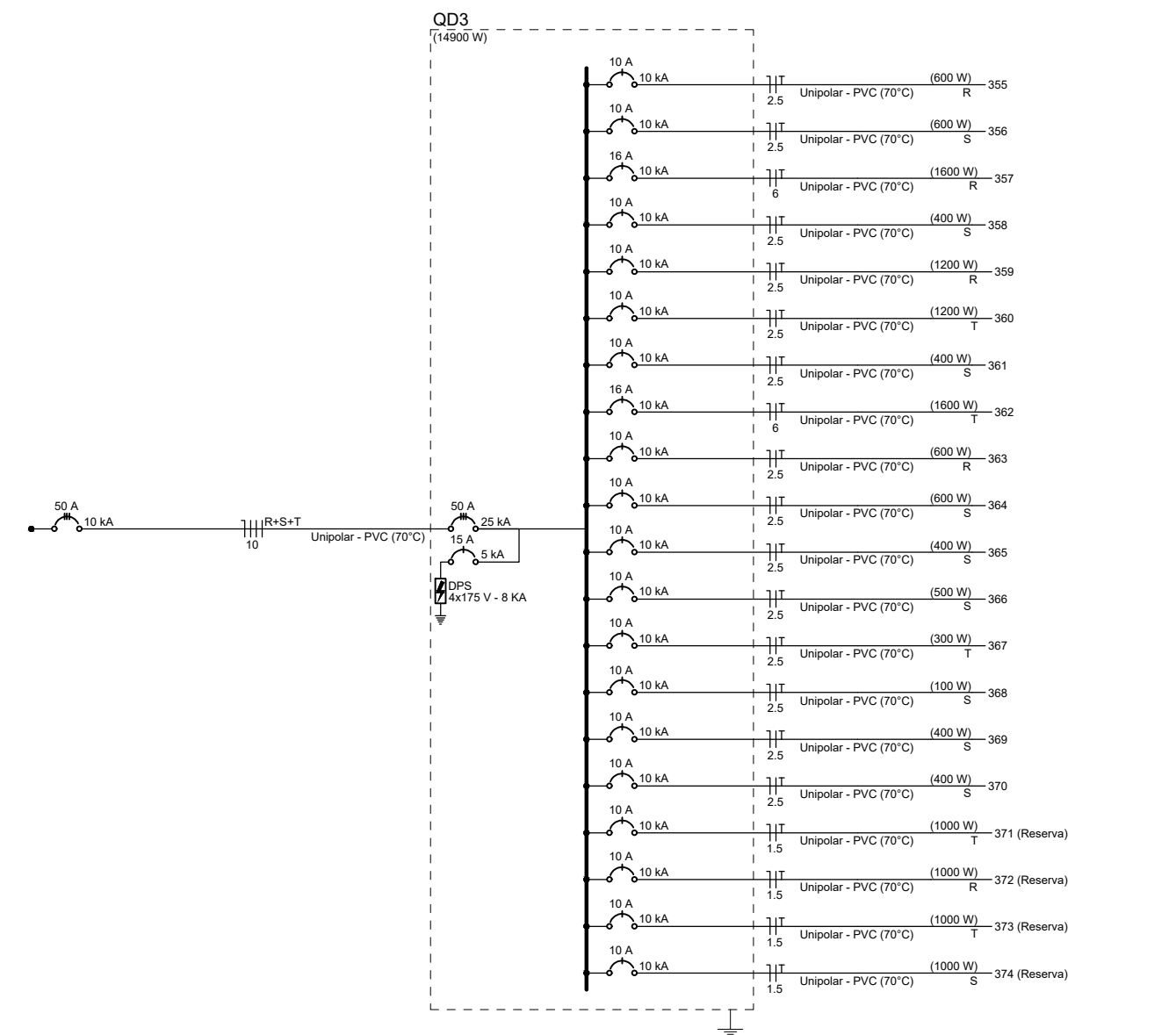


Sample	Enzyme	Matrix	Topology	Size of matrix	Size of input	Size of output	Pa-1	Pa-2	Pa-3	Pa-4	Pa-5	Pa-6	Pa-7	Pa-8	Pa-9	Pa-10	Pa-11	Pa-12	Pa-13	Pa-14	Pa-15	Pa-16	Pa-17	Pa-18	Pa-19	Pa-20	Pa-21	Pa-22	Pa-23	Pa-24	Pa-25	Pa-26	Pa-27	Pa-28	Pa-29	Pa-30	Pa-31	Pa-32	Pa-33	Pa-34	Pa-35	Pa-36	Pa-37	Pa-38	Pa-39	Pa-40	Pa-41	Pa-42	Pa-43	Pa-44	Pa-45	Pa-46	Pa-47	Pa-48	Pa-49	Pa-50	Pa-51	Pa-52	Pa-53	Pa-54	Pa-55	Pa-56	Pa-57	Pa-58	Pa-59	Pa-60	Pa-61	Pa-62	Pa-63	Pa-64	Pa-65	Pa-66	Pa-67	Pa-68	Pa-69	Pa-70	Pa-71	Pa-72	Pa-73	Pa-74	Pa-75	Pa-76	Pa-77	Pa-78	Pa-79	Pa-80	Pa-81	Pa-82	Pa-83	Pa-84	Pa-85	Pa-86	Pa-87	Pa-88	Pa-89	Pa-90	Pa-91	Pa-92	Pa-93	Pa-94	Pa-95	Pa-96	Pa-97	Pa-98	Pa-99	Pa-100	Pa-101	Pa-102	Pa-103	Pa-104	Pa-105	Pa-106	Pa-107	Pa-108	Pa-109	Pa-110	Pa-111	Pa-112	Pa-113	Pa-114	Pa-115	Pa-116	Pa-117	Pa-118	Pa-119	Pa-120	Pa-121	Pa-122	Pa-123	Pa-124	Pa-125	Pa-126	Pa-127	Pa-128	Pa-129	Pa-130	Pa-131	Pa-132	Pa-133	Pa-134	Pa-135	Pa-136	Pa-137	Pa-138	Pa-139	Pa-140	Pa-141	Pa-142	Pa-143	Pa-144	Pa-145	Pa-146	Pa-147	Pa-148	Pa-149	Pa-150	Pa-151	Pa-152	Pa-153	Pa-154	Pa-155	Pa-156	Pa-157	Pa-158	Pa-159	Pa-160	Pa-161	Pa-162	Pa-163	Pa-164	Pa-165	Pa-166	Pa-167	Pa-168	Pa-169	Pa-170	Pa-171	Pa-172	Pa-173	Pa-174	Pa-175	Pa-176	Pa-177	Pa-178	Pa-179	Pa-180	Pa-181	Pa-182	Pa-183	Pa-184	Pa-185	Pa-186	Pa-187	Pa-188	Pa-189	Pa-190	Pa-191	Pa-192	Pa-193	Pa-194	Pa-195	Pa-196	Pa-197	Pa-198	Pa-199	Pa-200	Pa-201	Pa-202	Pa-203	Pa-204	Pa-205	Pa-206	Pa-207	Pa-208	Pa-209	Pa-210	Pa-211	Pa-212	Pa-213	Pa-214	Pa-215	Pa-216	Pa-217	Pa-218	Pa-219	Pa-220	Pa-221	Pa-222	Pa-223	Pa-224	Pa-225	Pa-226	Pa-227	Pa-228	Pa-229	Pa-230	Pa-231	Pa-232	Pa-233	Pa-234	Pa-235	Pa-236	Pa-237	Pa-238	Pa-239	Pa-240	Pa-241	Pa-242	Pa-243	Pa-244	Pa-245	Pa-246	Pa-247	Pa-248	Pa-249	Pa-250	Pa-251	Pa-252	Pa-253	Pa-254	Pa-255	Pa-256	Pa-257	Pa-258	Pa-259	Pa-260	Pa-261	Pa-262	Pa-263	Pa-264	Pa-265	Pa-266	Pa-267	Pa-268	Pa-269	Pa-270	Pa-271	Pa-272	Pa-273	Pa-274	Pa-275	Pa-276	Pa-277	Pa-278	Pa-279	Pa-280	Pa-281	Pa-282	Pa-283	Pa-284	Pa-285	Pa-286	Pa-287	Pa-288	Pa-289	Pa-290	Pa-291	Pa-292	Pa-293	Pa-294	Pa-295	Pa-296	Pa-297	Pa-298	Pa-299	Pa-300	Pa-301	Pa-302	Pa-303	Pa-304	Pa-305	Pa-306	Pa-307	Pa-308	Pa-309	Pa-310	Pa-311	Pa-312	Pa-313	Pa-314	Pa-315	Pa-316	Pa-317	Pa-318	Pa-319	Pa-320	Pa-321	Pa-322	Pa-323	Pa-324	Pa-325	Pa-326	Pa-327	Pa-328	Pa-329	Pa-330	Pa-331	Pa-332	Pa-333	Pa-334	Pa-335	Pa-336	Pa-337	Pa-338	Pa-339	Pa-340	Pa-341	Pa-342	Pa-343	Pa-344	Pa-345	Pa-346	Pa-347	Pa-348	Pa-349	Pa-350	Pa-351	Pa-352	Pa-353	Pa-354	Pa-355	Pa-356	Pa-357	Pa-358	Pa-359	Pa-360	Pa-361	Pa-362	Pa-363	Pa-364	Pa-365	Pa-366	Pa-367	Pa-368	Pa-369	Pa-370	Pa-371	Pa-372	Pa-373	Pa-374	Pa-375	Pa-376	Pa-377	Pa-378	Pa-379	Pa-380	Pa-381	Pa-382	Pa-383	Pa-384	Pa-385	Pa-386	Pa-387	Pa-388	Pa-389	Pa-390	Pa-391	Pa-392	Pa-393	Pa-394	Pa-395	Pa-396	Pa-397	Pa-398	Pa-399	Pa-400	Pa-401	Pa-402	Pa-403	Pa-404	Pa-405	Pa-406	Pa-407	Pa-408	Pa-409	Pa-410	Pa-411	Pa-412	Pa-413	Pa-414	Pa-415	Pa-416	Pa-417	Pa-418	Pa-419	Pa-420	Pa-421	Pa-422	Pa-423	Pa-424	Pa-425	Pa-426	Pa-427	Pa-428	Pa-429	Pa-430	Pa-431	Pa-432	Pa-433	Pa-434	Pa-435	Pa-436	Pa-437	Pa-438	Pa-439	Pa-440	Pa-441	Pa-442	Pa-443	Pa-444	Pa-445	Pa-446	Pa-447	Pa-448	Pa-449	Pa-450	Pa-451	Pa-452	Pa-453	Pa-454	Pa-455	Pa-456	Pa-457	Pa-458	Pa-459	Pa-460	Pa-461	Pa-462	Pa-463	Pa-464	Pa-465	Pa-466	Pa-467	Pa-468	Pa-469	Pa-470	Pa-471	Pa-472	Pa-473	Pa-474	Pa-475	Pa-476	Pa-477	Pa-478	Pa-479	Pa-480	Pa-481	Pa-482	Pa-483	Pa-484	Pa-485	Pa-486	Pa-487	Pa-488	Pa-489	Pa-490	Pa-491	Pa-492	Pa-493	Pa-494	Pa-495	Pa-496	Pa-497	Pa-498	Pa-499	Pa-500	Pa-501	Pa-502	Pa-503	Pa-504	Pa-505	Pa-506	Pa-507	Pa-508	Pa-509	Pa-510	Pa-511	Pa-512	Pa-513	Pa-514	Pa-515	Pa-516	Pa-517	Pa-518	Pa-519	Pa-520	Pa-521	Pa-522	Pa-523	Pa-524	Pa-525	Pa-526	Pa-527	Pa-528	Pa-529	Pa-530	Pa-531	Pa-532	Pa-533	Pa-534	Pa-535	Pa-536	Pa-537	Pa-538	Pa-539	Pa-540	Pa-541	Pa-542	Pa-543	Pa-544	Pa-545	Pa-546	Pa-547	Pa-548	Pa-549	Pa-550	Pa-551	Pa-552	Pa-553	Pa-554	Pa-555	Pa-556	Pa-557	Pa-558	Pa-559	Pa-560	Pa-561	Pa-562	Pa-563	Pa-564	Pa-565	Pa-566	Pa-567	Pa-568	Pa-569	Pa-570	Pa-571	Pa-572	Pa-573	Pa-574	Pa-575	Pa-576	Pa-577	Pa-578	Pa-579	Pa-580	Pa-581	Pa-582	Pa-583	Pa-584	Pa-585	Pa-586	Pa-587	Pa-588	Pa-589	Pa-590	Pa-591	Pa-592	Pa-593	Pa-594	Pa-595	Pa-596	Pa-597	Pa-598	Pa-599	Pa-600	Pa-601	Pa-602	Pa-603	Pa-604	Pa-605	Pa-606	Pa-607	Pa-608	Pa-609	Pa-610	Pa-611	Pa-612	Pa-613	Pa-614	Pa-615	Pa-616	Pa-617	Pa-618	Pa-619	Pa-620	Pa-621	Pa-622	Pa-623	Pa-624	Pa-625	Pa-626	Pa-627	Pa-628	Pa-629	Pa-630	Pa-631	Pa-632	Pa-633	Pa-634	Pa-635	Pa-636	Pa-637	Pa-638	Pa-639	Pa-640	Pa-641	Pa-642	Pa-643	Pa-644	Pa-645	Pa-646	Pa-647	Pa-648	Pa-649	Pa-650	Pa-651	Pa-652	Pa-653	Pa-654	Pa-655	Pa-656	Pa-657	Pa-658	Pa-659	Pa-660	Pa-661	Pa-662	Pa-663	Pa-664	Pa-665	Pa-666	Pa-667	Pa-668	Pa-669	Pa-670	Pa-671	Pa-672	Pa-673	Pa-674	Pa-675	Pa-676	Pa-677	Pa-678	Pa-679	Pa-680	Pa-681	Pa-682	Pa-683	Pa-684	Pa-685	Pa-686	Pa-687	Pa-688	Pa-689	Pa-690	Pa-691	Pa-692	Pa-693	Pa-694	Pa-695	Pa-696	Pa-697	Pa-698	Pa-699	Pa-700	Pa-701	Pa-702	Pa-703	Pa-704	Pa-705	Pa-706	Pa-707	Pa-708	Pa-709	Pa-710	Pa-711	Pa-712	Pa-713	Pa-714	Pa-715	Pa-716	Pa-717	Pa-718	Pa-719	Pa-720	Pa-721	Pa-722	Pa-723	Pa-724	Pa-725	Pa-726	Pa-727	Pa-728	Pa-729	Pa-730	Pa-731	Pa-732	Pa-733	Pa-734	Pa-735	Pa-736	Pa-737	Pa-738	Pa-739	Pa-740	Pa-741	Pa-742	Pa-743	Pa-744	Pa-745	Pa-746	Pa-747	Pa-748	Pa-749	Pa-750	Pa-751	Pa-752	Pa-753	Pa-754	Pa-755	Pa-756	Pa-757	Pa-758	Pa-759	Pa-760	Pa-761	Pa-762	Pa-763	Pa-764	Pa-765	Pa-766	Pa-767	Pa-768	Pa-769	Pa-770	Pa-771	Pa-772	Pa-773	Pa-774	Pa-775	Pa-776	Pa-777	Pa-778	Pa-779	Pa-780	Pa-781	Pa-782	Pa-783	Pa-784	Pa-785	Pa-786	Pa-787	Pa-788	Pa-789	Pa-790	Pa-791	Pa-792	Pa-793	Pa-794	Pa-795	Pa-796	Pa-797	Pa-798	Pa-799	Pa-800	Pa-801	Pa-802	Pa-803	Pa-804	Pa-805	Pa-806	Pa-807	Pa-808	Pa-809	Pa-810	Pa-811	Pa-812	Pa-813	Pa-814	Pa-815	Pa-816	Pa-817	Pa-818	Pa-819	Pa-820	Pa-821	Pa-822	Pa-823	Pa-824	Pa-825	Pa-826	Pa-827	Pa-828	Pa-829	Pa-830	Pa-831	Pa-832	Pa-833	Pa-834	Pa-835	Pa-836	Pa-837	Pa-838	Pa-839	Pa-840	Pa-841	Pa-842	Pa-843	Pa-844	Pa-845	Pa-846	Pa-847	Pa-848	Pa-849	Pa-850	Pa-851	Pa-852	Pa-853	Pa-854	Pa-855	Pa-856	Pa-857	Pa-858	Pa-859	Pa-860	Pa-861	Pa-862	Pa-863	Pa-864	Pa-865	Pa-866	Pa-867	Pa-868	Pa-869	Pa-870	Pa-871	Pa-872	Pa-873	Pa-874	Pa-875	Pa-876	Pa-877	Pa-878	Pa-879	Pa-880	Pa-881	Pa-882	Pa-883	Pa-884	Pa-885	Pa-886	Pa-887	Pa-888	Pa-889	Pa-890	Pa-891	Pa-892	Pa-893	Pa-894	Pa-895	Pa-896	Pa-897	Pa-898	Pa-899	Pa-900	Pa-901	Pa-902	Pa-903	Pa-904	Pa-905	Pa-906	Pa-907	Pa-908	Pa-909	Pa-910	Pa-911	Pa-912	Pa-913	Pa-914	Pa-915	Pa-916	Pa-917	Pa-918	Pa-919	Pa-920	Pa-921	Pa-922	Pa-923	Pa-924	Pa-925	Pa-926	Pa-927	Pa-928	Pa-929	Pa-930	Pa-931	Pa-932	Pa-933	Pa-934	Pa-935	Pa-936	Pa-937	Pa-938	Pa-939	Pa-940	Pa-941	Pa-942	Pa-943	Pa-944	Pa-945	Pa-946	Pa-947	Pa-948	Pa-949	Pa-950	Pa-951	Pa-952	Pa-953	Pa-954	Pa-955	Pa-956	Pa-957	Pa-958	Pa-959	Pa-960	Pa-961	Pa-962	Pa-963	Pa-964	Pa-965	Pa-966	Pa-967	Pa-968	Pa-969	Pa-970	Pa-971	Pa-972	Pa-973	Pa-974	Pa-975	Pa-976	Pa-977	Pa-978	Pa-979	Pa-980	Pa-981	Pa-982	Pa-983	Pa-984	Pa-985	Pa-986	Pa-987	Pa-988	Pa-989	Pa-990	Pa-991	Pa-992	Pa-993	Pa-994	Pa-995	Pa-996	Pa-997	Pa-998	Pa-999	Pa-1000
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