

PRDIS SPECIFIC PREDICTORS						Number of cases		TP	FP	TN	FN	SENS	SPEC	ACC	MCC	PPV	NPV
						Total	%										
SIFT	PolyPhen-2_HDIV					11136	19.42	1895	2589	5930	722	0.724	0.696	0.703	0.363	0.423	0.891
SIFT	PolyPhen-2_HVAR					9884	17.23	1808	2049	5284	748	0.707	0.721	0.717	0.384	0.469	0.876
SIFT	MutationTaster2					11751	35.89	1279	2606	7423	443	0.743	0.740	0.741	0.363	0.329	0.944
SIFT	CADD					9532	17.20	1269	992	2874	497	0.718	0.743	0.736	0.437	0.561	0.853
SIFT	PON-P2					4316	14.52	894	650	2239	301	0.748	0.775	0.767	0.491	0.579	0.881
PolyPhen-2_HDIV	PolyPhen-2_HVAR					3757	6.36	456	1375	1706	186	0.710	0.554	0.581	0.199	0.249	0.902
PolyPhen-2_HDIV	MutationTaster2					10080	30.78	602	2181	7041	256	0.702	0.764	0.758	0.290	0.216	0.965
PolyPhen-2_HDIV	CADD					5056	15.44	840	847	3005	364	0.698	0.780	0.760	0.432	0.498	0.892
PolyPhen-2_HDIV	PON-P2					3533	11.53	353	950	1812	130	0.731	0.656	0.667	0.281	0.271	0.933
PolyPhen-2_HVAR	MutationTaster2					10615	32.41	719	1937	7605	334	0.683	0.797	0.786	0.331	0.271	0.958
PolyPhen-2_HVAR	CADD					4543	13.87	923	955	2351	314	0.746	0.711	0.721	0.413	0.491	0.882
PolyPhen-2_HVAR	PON-P2					3191	10.41	391	728	1628	180	0.685	0.691	0.690	0.306	0.349	0.900
MutationTaster2	CADD					9682	29.55	877	1530	6930	345	0.718	0.819	0.806	0.412	0.364	0.953
MutationTaster2	PON-P2					3225	18.84	122	340	2561	58	0.678	0.682	0.670	0.368	0.284	0.978
CADD	PON-P2					1701	9.94	394	205	847	110	0.782	0.805	0.798	0.554	0.658	0.885
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR				12343	21.52	2055	2881	6549	834	0.712	0.694	0.699	0.352	0.418	0.887
SIFT	PolyPhen-2_HDIV	MutationTaster2				13912	42.51	1613	2839	8996	464	0.777	0.760	0.763	0.410	0.362	0.951
SIFT	PolyPhen-2_HDIV	CADD				8344	25.49	1605	1397	4675	667	0.706	0.770	0.753	0.442	0.535	0.875
SIFT	PolyPhen-2_HDIV	PON-P2				6018	20.35	1115	1011	3315	307	0.784	0.766	0.771	0.492	0.524	0.915
SIFT	PolyPhen-2_HVAR	MutationTaster2				13736	41.87	1661	2732	8849	485	0.774	0.764	0.766	0.419	0.378	0.948
SIFT	PolyPhen-2_HVAR	CADD				7645	23.36	1642	1347	4039	619	0.726	0.750	0.743	0.445	0.549	0.867
SIFT	PolyPhen-2_HVAR	PON-P2				5611	18.97	1134	909	2986	324	0.778	0.767	0.770	0.499	0.555	0.902
SIFT	MutationTaster2	CADD				13531	41.33	1826	2636	8540	529	0.775	0.764	0.766	0.435	0.409	0.942
SIFT	MutationTaster2	PON-P2				4825	28.22	689	680	3138	111	0.861	0.822	0.829	0.566	0.503	0.966
SIFT	CADD	PON-P2				2982	17.44	830	392	1384	182	0.820	0.779	0.794	0.501	0.679	0.884
PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2				11294	34.48	830	2559	7571	307	0.730	0.747	0.746	0.314	0.245	0.961
PolyPhen-2_HDIV	PolyPhen-2_HVAR	CADD				5746	17.54	951	976	3351	451	0.678	0.774	0.751	0.412	0.494	0.881
PolyPhen-2_HDIV	PolyPhen-2_HVAR	PON-P2				4057	13.24	455	1008	2111	180	0.717	0.677	0.684	0.302	0.311	0.921
PolyPhen-2_HDIV	MutationTaster2	CADD				12406	37.88	1203	2009	8755	439	0.733	0.813	0.803	0.422	0.375	0.952
PolyPhen-2_HDIV	MutationTaster2	PON-P2				4308	25.17	260	606	3135	89	0.745	0.838	0.830	0.398	0.300	0.972
PolyPhen-2_HDIV	CADD	PON-P2				2671	15.61	489	349	1492	132	0.787	0.810	0.805	0.548	0.584	0.919
PolyPhen-2_HVAR	MutationTaster2	CADD				12417	37.91	1290	1922	8729	466	0.735	0.820	0.808	0.441	0.402	0.949
PolyPhen-2_HVAR	MutationTaster2	PON-P2				4229	24.71	304	499	3111	103	0.747	0.862	0.850	0.459	0.379	0.968
PolyPhen-2_HVAR	CADD	PON-P2				2444	14.28	498	302	1288	156	0.761	0.810	0.796	0.542	0.623	0.892
MutationTaster2	CADD	PON-P2				4244	24.79	507	517	2942	88	0.852	0.851	0.851	0.572	0.495	0.971
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2			14276	43.62	1656	2821	9438	547	0.752	0.783	0.778	0.421	0.387	0.945
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	CADD			8629	26.36	1752	1604	4639	623	0.738	0.743	0.742	0.441	0.522	0.882
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	PON-P2			6259	21.17	1060	707	3774	441	0.706	0.842	0.808	0.521	0.600	0.895
SIFT	PolyPhen-2_HDIV	MutationTaster2	CADD			14933	45.63	1936	2215	10121	661	0.745	0.820	0.807	0.479	0.466	0.939
SIFT	PolyPhen-2_HDIV	MutationTaster2	PON-P2			5405	31.62	766	638	3639	127	0.858	0.851	0.852	0.602	0.546	0.966
SIFT	PolyPhen-2_HDIV	CADD	PON-P2			3883	21.55	902	457	1911	191	0.825	0.807	0.813	0.602	0.664	0.909
SIFT	PolyPhen-2_HVAR	MutationTaster2	CADD			14703	44.92	2051	2484	9575	589	0.777	0.794	0.791	0.474	0.452	0.942
SIFT	PolyPhen-2_HVAR	MutationTaster2	PON-P2			5247	30.70	758	531	3573	157	0.828	0.871	0.863	0.618	0.588	0.958
SIFT	PolyPhen-2_HVAR	CADD	PON-P2			3430	20.07	943	487	1625	161	0.854	0.769	0.799	0.596	0.659	0.910
SIFT	MutationTaster2	CADD	PON-P2			5348	31.28	935	651	3398	151	0.861	0.839	0.844	0.619	0.590	0.957
PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	CADD			13007	39.71	1393	2453	8714	431	0.784	0.780	0.778	0.414	0.362	0.953
PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	PON-P2			4514	25.37	328	606	3250	100	0.765	0.843	0.835	0.442	0.351	0.970
PolyPhen-2_HDIV	PolyPhen-2_HVAR	CADD	PON-P2			2820	16.48	539	396	1527	140	0.794	0.794	0.794	0.538	0.576	0.916
PolyPhen-2_HDIV	MutationTaster2	CADD	PON-P2			4920	28.75	579	611	3394	111	0.839	0.847	0.846	0.559	0.487	0.968
PolyPhen-2_HVAR	MutationTaster2	CADD	PON-P2			4804	28.07	601	532	3326	129	0.823	0.862	0.856	0.581	0.530	0.963
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	CADD		15186	46.40	2013	2303	10183	677	0.748	0.816	0.804	0.477	0.466	0.938
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	PON-P2		5491	32.12	808	711	3608	123	0.868	0.835	0.841	0.592	0.532	0.967
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	CADD	PON-P2		3759	21.99	944	502	1907	180	0.840	0.792	0.807	0.598	0.653	0.914
SIFT	PolyPhen-2_HDIV	MutationTaster2	CADD	PON-P2		5815	34.02	994	631	3796	157	0.864	0.857	0.859	0.642	0.612	0.960
SIFT	PolyPhen-2_HVAR	MutationTaster2	CADD	PON-P2		5661	33.12	1005	608	3656	162	0.861	0.857	0.858	0.646	0.623	0.958
PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	CADD	PON-P2		5064	29.59	612	558	3525	135	0.819	0.863	0.857	0.576	0.523	0.963
SIFT	PolyPhen-2_HDIV	PolyPhen-2_HVAR	MutationTaster2	CADD	PON-P2	5887	34.44	1027	668	3797	154	0.870	0.850	0.854	0.639	0.606	0.961