

R	Insertase-pH6	Fit	Mo-Oxo	Mo-O	Mo-S
0.000000000	0.5547950864	0.5338196158	0.6079494238	0.629875004	0.1467230022
0.0307000000	0.4392228723	0.4872076809	0.6613588333	0.1325199008	0.1557245553
0.0614000001	0.3334890902	0.4033105671	0.4990762174	0.1056762934	0.1548294872
0.0920000001	0.2919982672	0.2976953685	0.2993508279	0.07729999721	0.1493332386
0.1227184609	0.3485680819	0.1985052079	0.0825000328	0.0573000138	0.1397777349
0.153398017	0.455550387	0.1682545185	0.1361973435	0.0590000036	0.1272999876
0.1840776950	0.5660161972	0.2344356030	0.3313922882	0.07710000128	0.1134081036
0.2147573084	0.6520262957	0.3271766901	0.4905090928	0.09669999778	0.09989999980
0.2454369366	0.7025591731	0.4068920314	0.6010656953	0.1103536710	0.088799999816
0.2761165500	0.7126708031	0.4599118531	0.6556549072	0.1151308790	0.082099999651
0.3067961633	0.6829050779	0.4815251827	0.6521928310	0.1101041734	0.08110000193
0.3374757767	0.6181944880	0.4721013010	0.5940557895	0.09570000321	0.08540000021
0.3681553900	0.5338439345	0.4361405075	0.4900621176	0.07360000163	0.09309999645
0.3988350034	0.4481274486	0.3820953965	0.3551460505	0.04639999941	0.1014999673
0.4295146167	0.3945554793	0.3226953745	0.2167846560	0.02119999938	0.108410399
0.4601942301	0.4030593336	0.2751230597	0.1546295732	0.02730000019	0.1120489910
0.4908738434	0.5545953218	0.2701662183	0.3546637893	0.07460000366	0.1045745537
0.5215534568	0.6376724839	0.3016559184	0.4474889338	0.08940000087	0.09279999882
0.5522330999	0.6979419589	0.3347659409	0.5005538464	0.09520000219	0.07670000196
0.5829126835	0.7288194299	0.3611214161	0.5095109344	0.09120000154	0.05930000171
0.6135923266	0.7297851443	0.379396157	0.4785119593	0.07769999653	0.04749999940
0.642719102	0.7056211369	0.3955295621	0.4214901064	0.05109999970	0.05110000074
0.6749515533	0.6725337505	0.4139640927	0.3671213388	0.02830000035	0.06769999862
0.7056311369	0.6451887488	0.4390086532	0.3547998667	0.00319999919	0.08749999851
0.7363107800	0.6438903809	0.4690344334	0.4038726389	0.03469999880	0.1040429175
0.7669903636	0.6786013842	0.4971621037	0.4878950715	0.06350000203	0.1140357628
0.7976700068	0.7435520291	0.5687938997	0.5687938997	0.08649999648	0.1153914619
0.8283496499	0.8222336173	0.5103670359	0.6192797422	0.1010868624	0.1071655378
0.8590292335	0.8967222571	0.4805032015	0.6227355599	0.1054512635	0.08959999681
0.8897088766	0.9528661966	0.4240616262	0.5716512799	0.09860000014	0.06430000067
0.9203884602	0.9816724062	0.3515968919	0.4690715671	0.08070000261	0.03730000183
0.9510681033	0.9793201685	0.2968498468	0.3384849429	0.05290000141	0.03409999982
0.9817476869	0.9468499422	0.219108140	0.219108140	0.01830000058	0.06469999728
1.012427330	0.8897041678	0.430569299	0.3815638125	0.02529999986	0.09899999946
1.043104914	0.8176001726	0.585386078	0.5990751982	0.06639999896	0.1291957051
1.073786616	0.7408805490	0.7418163419	0.8283526301	0.1053102612	0.1503964663
1.104466200	0.6747326255	0.8721908331	1.024961710	0.1374740303	0.1595517844
1.135145783	0.6327906847	0.9538134336	1.137400250	0.1591767669	0.1549238712
1.165825367	0.628400164	0.9671984149	1.199562154	0.1674119882	0.1364662051
1.196504951	0.8955953717	1.130730987	1.602359563	0.1070283428	
1.227184653	0.8063639998	0.7267196774	0.9361514449	0.1370389014	0.07720000297
1.257864237	1.015546322	0.4527871013	0.6097327471	0.09920000285	0.067899999789
1.288543940	1.315993786	0.08030000329	0.1753731221	0.05330000073	0.1185550466
1.319223523	1.707382917	0.462950829	0.04693999941	0.1756139249	
1.349903107	1.2183692217	1.007219315	1.159214735	0.1048453003	0.2318383753
1.380582690	1.733741760	1.674679041	1.941226602	0.1733193547	0.2784268856
1.411262274	2.405504227	2.79257774	2.79257774	0.2379472256	0.3089120090
1.441941857	3.987043619	3.176070452	3.637595415	0.2913399339	0.3183485568
1.472621560	4.646623611	3.959760904	4.478357792	0.3273220658	0.3035271168
1.503301144	5.294564724	5.294564724	5.294564724	0.3409423505	0.2835878623
1.533990846	5.904172421	5.452607632	5.955697536	0.3292493522	0.2015717626
1.564660430	6.449210644	6.105264664	6.522946835	0.2930321395	0.1316739321
1.595340014	6.905305862	6.660817623	6.937990189	0.2418702841	0.1145199165
1.626019597	7.251263618	7.097515583	7.181140423	0.2091619670	0.1981621236
1.656699300	7.470211506	7.398210526	7.241164207	0.2541034818	0.3173510194
1.687378883	7.550497532	7.551098824	7.115912914	0.3811093995	0.4391663074
1.718058467	7.486283302	7.550172329	6.812393665	0.5547036529	0.5485448241
1.748738050	7.277806759	7.395362377	6.346229273	0.7505318522	0.6341316104
1.779417753	6.931294918	7.092400074	5.740991592	0.9546664357	0.6867445111
1.810097337	6.458553314	6.652425766	5.026132384	1.155656099	0.7002219558
1.840776920	5.876284599	6.091423035	4.235851103	1.343252420	0.6736370325
1.871456623	5.205225945	5.429590225	3.406822443	1.508215785	0.6161867976
1.902136207	4.469267368	4.690835953	2.576218605	1.642543912	0.5580475330
1.932815790	3.694866419	3.902801991	1.780013919	1.739797831	0.5625475645
1.963495374	2.911506414	3.098424911	1.052527547	1.795404434	0.6917724609
1.994174957	2.155519009	2.322160244	0.4370498955	1.806877375	0.9404082894
2.024854660	1.485977292	1.651394606	0.247906839	1.773927927	1.257572880
2.055534363	1.040095925	1.251148343	0.5924591422	1.698451757	1.639325261
2.086213827	1.044337630	1.316635489	0.8646354675	1.584391952	2.030456305
2.116893530	1.413803458	1.719473958	1.018890500	1.437486172	2.419955730
2.147572994	1.883016706	2.213021994	1.059404016	1.264916778	2.789035320
2.178252697	2.339506626	2.746731520	0.8596971631	0.8761706352	3.400305033
2.208932400	3.397513390	3.397513390	0.6615217924	0.6776520610	3.615487337
2.239612103	3.66401672	3.614407778	0.4315102994	0.4880028069	3.757210732
2.270291567	3.570467710	3.732257605	0.2077618539	0.3157444298	3.819873571
2.300971270	3.702293396	3.752925396	0.1544318646	0.1714396626	3.801590204
2.331650734	3.485977292	3.485977292	0.3232372403	0.08640000024	3.704224566
2.362330437	3.751838923	3.527088642	0.4862234495	0.1154706106	3.533233867
2.393009901	3.674312353	3.299693823	0.6039980054	0.1712447554	3.297262430
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2.515728474	2.825101852	1.938389659	0.5471017361	0.18054418961	1.9575444515
2.546408176	2.529231071	1.560684443	0.4300987422	0.1389898270	1.596315622
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3.160000324	0.5505314469	0.2669529319	0.2689999640	0.08640000224	0.3016374111
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3.712233543	0.3099497259	0.07339999825	0.05950000137	0.01389999967	0.04520000145
3.742913008	0.2977265120	0.09070000052	0.07970000058	0.02250000089	0.06819999963
3.773592710	0.2888642550	0.1100878567	0.1104992181	0.03319999948	0.08940000087
3.804272413	0.2839263082	0.1245209724	0.1366071254	0.04170000181	0.1046419293
3.834952116	0.2809325457	0.1309567988	0.1528567225	0.04670000076	0.1122044101
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3.896311283	0.2680113018	0.1171883717	0.1503042430	0.04520000145	0.1029584333
3.926990747	0.2536167204	0.09880000353	0.1327834427	0.03909999877	0.08760000020
3.957670450	0.2339212149	0.07599999756	0.1074318215	0.03050000034	0.06729999930
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4.019029617	0.1911825836	0.04010000080	0.05370000005	0.01109999977	0.02600000054
4.049709320	0.1780214339	0.04639999907	0.04879999906	0.01070000045	0.02620000020
4.080389023	0.1751813143	0.06360000372	0.06589999795	0.01860000007	0.04210000113
4.111068726	0.1807453930	0.08009999990	0.08810000122	0.02659999952	0.05820000172
4.141747952	0.1887717338	0.09149999917	0.1061918288	0.03260000050	0.06979999691
4.174227654	0.1927294880	0.09640000015	0.1168949777	0.03590000048	0.07569999993
4.205107357	0.1975500289	0.10949999779	0.1190312877	0.03629999980	0.07530000061
4.233787060	0.1701352447	0.08619999886	0.1126873195	0.03390000015	0.06920000166
4.264466763	0.1392035335	0.07289999723	0.09889999777	0.02899999917	0.05810000002
4.295145988	0.09520000219	0.05689999834	0.07949999720	0.02239999920	0.04349999875
4.325825691	0.04160000011	0.04149999842	0.05750000104	0.01489999983	0.02759999968
4.356505394	0.03700000048	0.03299999982	0.03810000047	0.00860000292	0.01600000076
4.387185097	0.1058465362	0.03649999946	0.03649999847	0.00869999850	0.02060000040
4.417864799	0.1812427640	0.04670000076	0.04450000077	0.01460000034	0.03330000117
4.448544502	0.2566611767	0.05660000071	0.06030000001	0.02019999921	0.04470000044
4.479223728	0.3283413947	0.06319999695	0.07320000231	0.02419999987	0.05270000175
4.509903431	0.3932440877	0.06520000100	0.08079999685	0.02630000003	0.05629999936
4.540583134	0.4490505755	0.06260000169	0.08240000159	0.02620000020	0.05550000072
4.571262836	0.4942617118	0.05590000004	0.07819999754	0.02410000004	0.05050000176
4.601942539	0.5282458663	0.04630000144	0.06899999827	0.02030000091	0.04210000113
4.632621765	0.5512103438	0.03559999913	0.05629999936	0.01530000009	0.03130000085
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4.693981171	0.5683671236	0.02549999952	0.03150000051	0.00577999974	0.01080000028
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4.847379208	0.5200458765	0.04780000076	0.05380000174	0.01970000006	0.03700000048
4.878058910	0.5049940944	0.04470000044	0.05330000073	0.01940000057	0.03590000048
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5.000777245	0.4462938309	0.01640000008	0.02229999937	0.00734000011	0.01180000044
5.031456947	0.4358626604	0.01520000026	0.01630000025	0.004430000205	0.01009999961
5.062136650	0.4261037017	0.01520000091	0.01879999973	0.005059999879	0.01470000017
5.092816353	0.4265621006	0.02419999987	0.02590000071	0.00780000102	0.02040000074
5.123495579	0.4280738533	0.02810000069	0.03290000185	0.01030000020	0.02500000037
5.154175282	0.4326961339	0.02999999933	0.03790000081	0.01200000010	0.02759999968
5.184854984	0.4388709068	0.02969999984	0.04019999877	0.01260000002	0.02800000086
5.215534687	0.4447367191	0.02749999985	0.03959999979	0.01209999993	0.02630000003
5.246214390	0.448463768	0.02530000055	0.03629999980	0.01070000045	0.02260000072
5.276894093	0.4484693110	0.01950000040	0.03099999949	0.008449999616	0.01750000007
5.307573318	0.4436423779	0.01579999924	0.02439999953	0.005679999944	0.01169999968
5.338253021	0.4333331883	0.01420000009	0.01759999990	0.002769999905	0.006703000007
5.368932724	0.4173929095	0.01530000009	0.01279999968	0.001679999987	0.006430000067
5.399612427	0.3961334527	0.01779999956	0.01290000044	0.004000000190	0.01049999986
5.430292130	0.02099999938	0.02099999938	0.01632999957	0.00632999971	0.01460000034
5.460971832	0.3409178853	0.02150000073	0.02089999989	0.008080000058	0.01759999990
5.491651058	0.3094644547	0.02170000039	0.02390000038	0.009080000222	0.01899999939
5.522330761	0.2776419222	0.02060000040	0.02529999986	0.009300000034	0.01879999973
5.553010464	0.2474758327	0.01850000024	0.02490000054	0.008750000037	0.01710000075
5.583690166	0.2212520838	0.01579999924	0.02280000038	0.007540000137	0.01410000026

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