

TE family	pValueLog	oddsRatio	qValue
RSX-incomp_MCL345_Hd-B-P240.102-Map4	3.0918611809	17.7821472342	0.3349924897
noCat_MCL24_Hd-B-R551-Map20	2.8996118151	4.7330642255	0.3349924897
RIX-comp_MCL591_Hd-B-R5563-Map3_reversed	2.8512836938	39.1567664587	0.3349924897
noCat_MCL6_Hd-B-R206-Map20	2.7428462035	6.23463961	0.3349924897
RXX-TRIM_MCL42_Hd-B-G1267-Map5	2.7210184405	33.4299844597	0.3349924897
RLX-incomp_MCL488_Hd-B-R4280-Map3_reversed	2.6946367599	32.3691115766	0.3349924897
DTX-incomp_MCL29_Hd-B-R2332-Map20	2.4301167503	23.5485060582	0.5279688384
noCat_MCL674_Hd-B-R817-Map20	2.3493809132	21.361553524	0.5563552372
noCat_MCL32_Hd-B-P0.268-Map20	2.2436635223	3.5674867377	0.630836842
DMX-incomp_MCL506_Hd-B-R4459-Map4	2.1531036649	16.833546992	0.699389996
noCat_MCL1_Hd-B-R3553-Map20	2.1112339162	5.4812696426	0.7001586835
RXX-TRIM_MCL286_Hd-B-G414-Map4	2.0474614404	126.9993162993	0.7433278323
DTX-incomp_MCL26_Hd-B-P123.194-Map8	1.9685388055	13.4457664706	0.8117307217
RXX-TRIM_MCL276_Hd-B-G345-Map4	1.942283062	3.9690366006	0.8117307217
noCat_MCL370_Hd-B-R1303-Map20	1.9072778818	12.4661076982	0.821209453
RIX-incomp_MCL588_Hd-B-R5512-Map3	1.8271666032	2.724421063	0.9258411828
RLX-incomp_MCL663_Hd-B-R7854-Map3_reversed	1.6685508923	9.2725494301	1
RXX-TRIM_MCL72_Hd-B-G1239-Map12	1.6543524573	5.270349224	1
noCat_MCL62_Hd-B-G863-Map20	1.5630543946	4.8496542888	1
RIX-incomp_MCL101_Hd-B-G2185-Map3_reversed	1.5150174868	33.879581236	1
RXX-TRIM_MCL117_Hd-B-G570-Map4	1.5150174868	33.879581236	1
RXX-TRIM_MCL24_Hd-B-G1465-Map5	1.3754542738	24.213201794	1
RXX-TRIM_MCL42_Hd-B-G1488-Map4	1.3656818056	23.649915417	1
RIX-incomp_MCL374_Hd-B-R1487-Map3	1.2967139065	3.7766989824	1
RIX-incomp_MCL402_Hd-B-R2054-Map3	1.2764334714	2.2091797975	1
DXX-MITE_MCL158_Hd-B-P88.216-Map6	1.2753500619	5.6025026049	1
RXX-TRIM_MCL252_Hd-B-G2042-Map5	1.2609500026	5.4979815512	1
noCat_MCL51_Hd-B-G1882-Map20	1.2205488211	16.6762866175	1
noCat_MCL214_Hd-B-G1561-Map20	1.2006604748	15.8928215465	1
RIX-comp_MCL538_Hd-B-R4997-Map9	1.1879210812	15.4042477348	1
RXX_MCL495_Hd-B-R4392-Map3	1.1879210812	15.4042477348	1
noCat_MCL280_Hd-B-G363-Map11	1.1816979489	15.1742302343	1
noCat_MCL39_Hd-B-G539-Map17	1.1462403296	13.9282132115	1
DTX-incomp_MCL577_Hd-B-R5370-Map3	1.141547324	3.2421357768	1
RIX-comp_MCL383_Hd-B-R1664-Map4	1.1350799278	13.5578466416	1
DTX-incomp_MCL230_Hd-B-G1755-Map4	1.103343304	12.5477356701	1
DXX-MITE_MCL108_Hd-B-G829-Map6	1.0279382182	2.4282562686	1
noCat_MCL24_Hd-B-R2328-Map14	1.0277971244	2.8868187124	1
DHX-comp_MCL1_Hd-B-R539-Map20_reversed	1.0259762345	2.881362401	1
DXX-MITE_MCL122_Hd-B-R2760-Map15	1.0250959422	10.3704731009	1
DXX-MITE_MCL74_Hd-B-R215-Map14	1.0087334898	9.9587101772	1
DTX-incomp_MCL361_Hd-B-P76.225-Map8	0.9705889493	9.0725947733	1
noCat_MCL16_Hd-B-R1527-Map20	0.9475342594	2.6527528238	1
RXX-TRIM_MCL188_Hd-B-G1290-Map3	0.9455850846	1.7435664586	1
noCat_MCL13_Hd-B-G1765-Map20	0.9358557215	8.3256437109	1
noCat_MCL6_Hd-B-R237-Map20	0.929967673	2.2284565677	1
DXX-MITE_MCL25_Hd-B-G1524-Map9	0.9216897078	3.4561597075	1
RYX-comp_MCL688_Hd-B-R9118-Map3	0.9164256318	7.9345346081	1
RXX-TRIM_MCL73_Hd-B-G2038-Map8	0.8937733659	3.3204097	1
RLX-incomp_MCL31_Hd-B-R547-Map6_reversed	0.8868566945	1.6341481554	1
noCat_MCL7_Hd-B-R2178-Map20	0.8511231227	3.1209573276	1
DXX-MITE_MCL352_Hd-B-P313.38-Map3	0.8473302785	6.6785777778	1
DXX-MITE_MCL32_Hd-B-R139-Map20	0.846925586	3.101831095	1
RXX-TRIM_MCL234_Hd-B-G181-Map3	0.8344052643	6.4654600637	1
DTX-incomp_MCL236_Hd-B-G1825-Map6	0.8219145777	6.2652977175	1

noCat_MCL41_Hd-B-R236-Map20	0.8208340445	1.7446647698	1
DTX-incomp_MCL25_Hd-B-G2324-Map6	0.8194662029	6.2267382269	1
DTX-incomp_MCL153_Hd-B-G2301-Map3	0.8170339431	6.1886488699	1
RXX-TRIM_MCL603_Hd-B-R5997-Map7	0.8170339431	6.1886488699	1
DTX-incomp_MCL584_Hd-B-R548-Map13	0.8130360085	2.0013230859	1
RXX-TRIM_MCL7_Hd-B-G1097-Map8	0.7922308672	2.8605725867	1
DXX-MITE_MCL70_Hd-B-P337.14-Map3	0.7663758131	2.7513763818	1
RLX-incomp_MCL54_Hd-B-R5062-Map20	0.7663758131	2.7513763818	1
RSX-incomp_MCL319_Hd-B-G733-Map3	0.763034416	5.3971063058	1
RXX-TRIM_MCL28_Hd-B-R7888-Map3	0.7588768696	5.3401248076	1
RXX-TRIM_MCL655_Hd-B-R7621-Map3	0.7568159678	5.3120798255	1
DTX-incomp_MCL160_Hd-B-R228-Map20	0.7535795485	1.8901977721	1
DXX-MITE_MCL155_Hd-B-P127.190-Map3	0.7387823134	5.0720909652	1
DYX-comp_MCL658_Hd-B-R7678-Map3_reversed	0.7253607958	4.8999404933	1
RXX-TRIM_MCL249_Hd-B-G2026-Map3	0.7234842518	4.8749826179	1
noCat_MCL8_Hd-B-G2371-Map13	0.7070302453	4.6725752544	1
RXX-TRIM_MCL452_Hd-B-R3514-Map4	0.7052487061	4.6510751114	1
noCat_MCL6_Hd-B-R194-Map20	0.6964747246	4.5464170259	1
RXX-TRIM_MCL481_Hd-B-R395-Map3	0.6896112481	4.466550903	1
RLX-incomp_MCL23_Hd-B-R962-Map20_reversed	0.6719703402	2.3778316076	1
RIX-incomp_MCL622_Hd-B-R636-Map6	0.6714097285	4.2587377697	1
RLX-incomp_MCL68_Hd-B-R4393-Map20	0.6682013519	4.223076421	1
DXX-MITE_MCL357_Hd-B-P48.242-Map20	0.6650227558	4.1880116123	1
DTX-incomp_MCL478_Hd-B-R3763-Map7	0.6525965454	4.0533816299	1
DXX-MITE_MCL58_Hd-B-R511-Map20	0.6510747343	4.0370651819	1
noCat_MCL131_Hd-B-R1669-Map20	0.6478961799	2.2884714862	1
RXX-TRIM_MCL180_Hd-B-G1165-Map3	0.6429418281	2.2703511169	1
RXX-TRIM_MCL238_Hd-B-G1844-Map7	0.6391408207	3.9118814922	1
DTX-incomp_MCL253_Hd-B-G2043-Map6	0.6318915448	3.8374522737	1
RXX-TRIM_MCL195_Hd-B-G1379-Map3	0.6262031527	3.7799252801	1
RXX-TRIM_MCL411_Hd-B-R235-Map16	0.6247960905	3.7658138208	1
DXX-MITE_MCL693_Hd-B-R9264-Map5	0.6234890207	1.6555564319	1
DTX-incomp_MCL684_Hd-B-R902-Map10	0.6233949533	3.7518082086	1
RXX-TRIM_MCL548_Hd-B-R507-Map4	0.6233949533	3.7518082086	1
noCat_MCL62_Hd-B-R2380-Map20	0.5904100882	2.0838032092	1
RXX-TRIM_MCL73_Hd-B-G113-Map3	0.5864027323	3.3974193202	1
RXX-TRIM_MCL113_Hd-B-G390-Map6	0.5753530305	3.2972497971	1
RIX-incomp_MCL676_Hd-B-R825-Map3	0.5646716699	3.2027818585	1
DMX-incomp_MCL578_Hd-B-R5378-Map4_reversed	0.5520867271	3.094379232	1
noCat_MCL32_Hd-B-G30-Map20	0.5263988761	1.2730907769	1
noCat_MCL5_Hd-B-P15.85-Map20	0.5174311102	1.471408109	1
RXX-TRIM_MCL95_Hd-B-G194-Map3	0.5131384268	2.7779119951	1
RXX-TRIM-chim_MCL120_Hd-B-G775-Map3	0.5009853554	1.3784244978	1
DMX-incomp_MCL512_Hd-B-R4711-Map5	0.4877238088	1.4206701288	1
DTX-incomp_MCL7_Hd-B-R1930-Map20	0.4830592436	1.5149809545	1
noCat_MCL22_Hd-B-G1253-Map20	0.4725339059	2.4763142152	1
noCat_MCL34_Hd-B-R3658-Map20	0.4674077527	2.4401506036	1
noCat_MCL123_Hd-B-P10.263-Map20	0.4657190782	2.4283406034	1
RXX-TRIM_MCL339_Hd-B-G968-Map4	0.4648784443	2.4225032309	1
RXX-TRIM_MCL665_Hd-B-R789-Map3	0.4644963818	1.475399453	1
RXX-TRIM_MCL224_Hd-B-G1719-Map3	0.4640402633	2.4166909532	1
noCat_MCL5_Hd-B-P66.85-Map19	0.4615026965	1.6654762654	1
RXX-TRIM_MCL184_Hd-B-G1227-Map4	0.45363783	1.1805146205	1
RXX-TRIM_MCL28_Hd-B-R502-Map3	0.4454128834	2.289563753	1
RXX-TRIM_MCL451_Hd-B-R341-Map5	0.4377664947	1.4189352099	1
noCat_MCL10_Hd-B-G74-Map20	0.4331461681	2.2086567971	1

RIX-incomp_MCL140_Hd-B-R6366-Map4	0.4203029107	1.5421197468	1
DTX-incomp_MCL32_Hd-B-R4819-Map4	0.406251768	1.5010596817	1
DTX-incomp_MCL256_Hd-B-G2078-Map3	0.4042905298	1.4953679096	1
RXX-TRIM-chim_MCL348_Hd-B-P274.73-Map5	0.4019518834	1.4885931129	1
RXX-TRIM_MCL637_Hd-B-R7246-Map4	0.4013326849	2.0089937354	1
noCat_MCL50_Hd-B-R1740-Map15	0.3986796423	1.9930080883	1
noCat_MCL364_Hd-B-R1253-Map14	0.3912479847	1.4577529779	1
DMX-incomp_MCL405_Hd-B-R222-Map20	0.3822734279	1.3034327869	1
RIX-comp_MCL544_Hd-B-R5026-Map5	0.3783754578	1.8733576764	1
RXX-TRIM_MCL46_Hd-B-G2097-Map8	0.3621193776	1.3751644089	1
RXX-TRIM_MCL318_Hd-B-G73-Map3	0.3436850473	1.6805912316	1
DTX-incomp_MCL225_Hd-B-G1737-Map3	0.3410486502	1.6665185354	1
noCat_MCL161_Hd-B-R815-Map11	0.3391169761	1.2148008391	1
DTX-incomp_MCL127_Hd-B-P302.46-Map3	0.3368902142	1.6444801303	1
noCat_MCL97_Hd-B-R6288-Map15	0.3312893466	1.615100795	1
RXX-TRIM_MCL28_Hd-B-G2282-Map3	0.3219210779	1.5667245447	1
RXX-TRIM_MCL114_Hd-B-G483-Map6	0.3130805068	1.2401068364	1
noCat_MCL1_Hd-B-R963-Map20	0.299843028	1.4563906564	1
noCat_MCL306_Hd-B-G583-Map20	0.2980761169	1.1996520693	1
RSX-incomp_MCL5_Hd-B-G228-Map20	0.2959376017	1.4373933238	1
RIX-comp_MCL653_Hd-B-R7590-Map3	0.2921013288	1.4188792931	1
RSX-incomp_MCL82_Hd-B-G1278-Map10	0.2891642091	1.4048018915	1
DTX-incomp_MCL259_Hd-B-G2134-Map5	0.2694245101	1.1233524744	1
noCat_MCL1_Hd-B-R4412-Map11	0.2640654804	1.2878349252	1
DXX-MITE_MCL14_Hd-B-P47.118-Map20	0.2536426545	1.2409239579	1
DTX-incomp_MCL394_Hd-B-R188-Map20	0.2450851275	1.203105246	1
RXX-TRIM-chim_MCL192_Hd-B-G1334-Map10	0.2364315959	0.9922069894	1
RIX-incomp_MCL598_Hd-B-R5917-Map3	0.2355418741	1.0031928146	1
DTX-incomp_MCL461_Hd-B-R3637-Map20	0.2353767113	0.9903427048	1
noCat_MCL412_Hd-B-R2362-Map11	0.2346684256	1.1578873661	1
RXX-TRIM_MCL71_Hd-B-G2274-Map5	0.2260147519	1.1209801583	1
noCat_MCL466_Hd-B-R3699-Map14	0.2206649633	1.0984520824	1
RXX-TRIM_MCL10_Hd-B-R1696-Map20	0.2109875594	1.0582066404	1
RLX-incomp-chim_MCL11_Hd-B-R22-Map20_reversed	0.2104350094	1.0559972371	1
RXX-LARD_MCL384_Hd-B-R1675-Map3	0.2090615066	1.0503449303	1
RXX-TRIM_MCL464_Hd-B-R3667-Map3	0.2065598622	0.959031564	1
RXX-TRIM_MCL110_Hd-B-R5307-Map5	0.1987212447	1.0082286258	1
RXX-TRIM_MCL377_Hd-B-R1609-Map4	0.1979522999	1.005127167	1
RLX-incomp_MCL54_Hd-B-P318.33-Map3_reversed	0.1919304422	0.9809773784	1
RXX-TRIM_MCL79_Hd-B-G2126-Map3	0.1723189789	0.903900026	1
noCat_MCL93_Hd-B-R2089-Map20	0.1674326606	0.8850441704	1
RXX-TRIM_MCL564_Hd-B-R5172-Map15	0.1657437361	0.8745686984	1
RIX-incomp_MCL678_Hd-B-R8483-Map3	0.1635201187	0.8700389473	1
DXX-MITE_MCL117_Hd-B-R1594-Map4	0.1462109344	0.8045676088	1
noCat_MCL5_Hd-B-G78-Map20	0.1453236875	0.8012485537	1
DXX-MITE_MCL297_Hd-B-G48-Map3	0.1359950272	0.7747208501	1
noCat_MCL315_Hd-B-G669-Map20	0.1356370048	0.7652186037	1
RXX-LARD-chim_MCL594_Hd-B-R5678-Map3	0.1345078989	0.7878228382	1
RIX-incomp_MCL15_Hd-B-G1297-Map3	0.1305252237	0.7463447871	1
DXX-MITE_MCL96_Hd-B-G196-Map3	0.1263827996	0.7311123679	1
DMX-incomp_MCL66_Hd-B-R3066-Map17	0.1244417631	0.7239923695	1
DTX-incomp_MCL113_Hd-B-R5878-Map4	0.1220663735	0.759390942	1
noCat_MCL19_Hd-B-R2562-Map17	0.1192660006	0.7528902472	1
RXX-TRIM_MCL95_Hd-B-R6534-Map5	0.1147221127	0.7174703903	1
RXX-TRIM_MCL28_Hd-B-G178-Map4	0.1112394297	0.7079398792	1
noCat_MCL9_Hd-B-R3260-Map16	0.1085343855	0.6659751842	1

RIX-incomp_MCL491_Hd-B-R4342-Map4	0.1044343647	0.6510892298	1
noCat_MCL128_Hd-B-R1465-Map20	0.1000402666	0.6351497453	1
RXX-TRIM_MCL667_Hd-B-R795-Map5	0.0975245311	0.6260265601	1
DTX-incomp-chim_MCL612_Hd-B-R6025-Map5_reversed	0.0931414881	0.6899358077	1
RSX-incomp-chim_MCL208_Hd-B-G1541-Map3	0.0891490312	0.5956339155	1
RXX-TRIM_MCL388_Hd-B-R1756-Map9	0.0863366673	0.5854104599	1
noCat_MCL15_Hd-B-R3885-Map13	0.0848698051	0.580072218	1
RSX-incomp_MCL217_Hd-B-G1583-Map3	0.0791764514	0.5593007656	1
DXX-MITE_MCL358_Hd-B-P5.265-Map20	0.0773128808	0.5524791622	1
RXX-TRIM_MCL385_Hd-B-R1706-Map13	0.0746684208	0.6892940088	1
RXX-TRIM_MCL90_Hd-B-G1523-Map3	0.068366169	0.5195071398	1
DTX-comp_MCL265_Hd-B-G2378-Map3_reversed	0.0619437942	0.5640107097	1
DTX-incomp-chim_MCL537_Hd-B-R4985-Map3_reversed	0.0615340652	0.493981838	1
noCat_MCL18_Hd-B-R4871-Map16	0.061070211	0.5612192237	1
RXX-TRIM_MCL390_Hd-B-R1837-Map3	0.0568658509	0.5914017165	1
DXX-MITE_MCL355_Hd-B-P340.11-Map3	0.055172682	0.4698285649	1
RXX-TRIM_MCL340_Hd-B-P119.195-Map3	0.0545491057	0.5399454565	1
RXX-TRIM_MCL21_Hd-B-R3610-Map20	0.0540213362	0.465405888	1
RXX-TRIM_MCL333_Hd-B-G880-Map4	0.0523701959	0.4590321415	1
RXX-TRIM_MCL313_Hd-B-G651-Map4	0.0513366438	0.4550225203	1
RXX-TRIM_MCL389_Hd-B-R1786-Map3	0.047883421	0.4415031979	1
noCat_MCL5_Hd-B-G50-Map20	0.0438426823	0.4254078205	1
RXX-TRIM_MCL335_Hd-B-G889-Map4	0.0414978164	0.4159070724	1
noCat_MCL48_Hd-B-R3271-Map12	0.0408626668	0.4920686584	1
noCat_MCL85_Hd-B-R4856-Map16	0.0313926664	0.3731481726	1
RXX-TRIM_MCL310_Hd-B-G615-Map4	0.0311198844	0.371942253	1
DTX-incomp_MCL77_Hd-B-R904-Map5	0.0299219006	0.3666060922	1
noCat_MCL509_Hd-B-R4481-Map11	0.0286037895	0.493747686	1
RXX-TRIM_MCL626_Hd-B-R6590-Map4	0.0255797328	0.346641977	1
RXX-TRIM_MCL128_Hd-B-P38.249-Map3	0.0243581546	0.3408201367	1
DTX-incomp_MCL7_Hd-B-G850-Map20	0.0222815205	0.3306744379	1
noCat_MCL140_Hd-B-R390-Map12	0.0186776674	0.5517706473	1
RIX-incomp_MCL489_Hd-B-R4307-Map5	0.014071373	0.3702452214	1
RXX-TRIM_MCL386_Hd-B-R1716-Map20	0.0113445143	0.352553533	1
DMX-incomp_MCL545_Hd-B-R5047-Map8_reversed	0.0083618304	0.419379345	1
RIX-incomp_MCL483_Hd-B-R4195-Map4	0.0067427716	0.367743497	1
DXX-MITE_MCL70_Hd-B-G1085-Map6	0.0061251295	0.2292382524	1
RIX-incomp_MCL593_Hd-B-R5611-Map4	0.0024254658	0.1868463071	1
DXX-MITE_MCL112_Hd-B-G39-Map20	0.0023776273	0.1860982987	1
DXX-MITE_MCL144_Hd-B-R9074-Map7	0.0019474929	0.178906413	1
RXX-TRIM_MCL18_Hd-B-R1776-Map20	0.001677916	0.1738712735	1
RXX-TRIM_MCL444_Hd-B-R3261-Map12	0.0008579917	0.1541730841	1
noCat_MCL524_Hd-B-R4846-Map15	0.0001496817	0.3543836046	1
noCat_MCL459_Hd-B-R3584-Map11	2.6742164455795	0.2187300696	1