

Results of Whole Exome Sequencing in MNG and PTC patients

MNG n=9	Ge					
	<i>SOD1</i>	<i>SOD2</i>	<i>SOD3</i>	<i>GPX1</i>	<i>GPX2</i>	<i>GPX3</i>
	SI					
B1	rs4880 rs752779	rs8192291 rs1799895 rs2695232 rs2855262				rs11548 rs2070593 rs2277940
B2	rs752779	rs8192291 rs2695232 rs2855262				rs11548 rs2277940
B3	rs752779	rs8192291				rs11548 rs2070593 rs2277940
B4		rs8192291				
B5	rs752779	rs2536512 rs2695232 rs2855262				rs870407 rs3763012 rs3763011 rs869976 rs8177447 rs11548 rs2070593 rs2277940
B6	rs4880 rs2855116 rs2070994 rs2842960 rs752779	rs2695232 rs2855262				rs8177412 rs870407 rs870406 rs3763012 rs3763011 rs869975 rs8177447 rs11548 rs2277940
B7	rs4880 rs2758332 rs2855116 rs2070994 rs2842960 rs752779					rs8177412 rs870407 rs870406 rs3763011 rs8177447 rs2070593
B8	rs4880 rs2855116 rs2070994 rs2842960 rs752779	rs2536512 rs8192291 rs2695232 rs2855262				rs870407 rs870406 rs3763011 rs8177447
B9	rs4880 rs2758332 rs2855116 rs2070994 rs2842960 rs752779	rs2536512 rs2695232 rs2855262				rs8177447

:nes					
GPX4	GPX5	GPX6	GPX7	GPX8	CAT
VPs					
			rs1970951	rs381852	rs769217
rs713041			rs1970951	rs381852 rs10059517	rs704724 rs7943316 rs1049982
rs713041			rs1970951 rs11810754	rs381852	rs7943316
rs4807542 rs713041			rs1970951	rs381852	
rs713041 rs8178977	rs974334		rs1970951	rs381852	rs769217 rs10836235 rs769218 rs16925614 rs17881488
			rs1970951		rs7943316 rs769217 rs1049982 rs10836235 rs769218 rs17881488
rs4807542 rs713041			rs1970951	rs381852 rs2270910 rs10059517	rs769217 rs769218 rs16925614
			rs1970951	rs381852	rs7943316 rs1049982 rs12270780 rs2073058
rs713041			rs1970951	rs381852	rs7943316 rs1049982

PTC n=9	SOD			GPX		
	SOD1	SOD2	SOD3	GPX1	GPX2	GPX3
M1	rs4880 rs752779		rs2536512 rs2695232 rs2855262		rs17881414	
M2		rs752779	rs8192291 rs2695232 rs2855262	rs368623389		rs11548 rs2277940
M3		rs752779	rs2536512 rs8192291 rs2695232 rs2855262			rs8177413 rs11548 rs2230303 rs8177448 rs2070593 rs2277940
M4		rs752779	rs8192291			rs8177412
M5	rs4880 rs2758332 rs2855116 rs2842960 rs752779		rs2536512 rs2695232 rs2855262			rs3763011 rs869975 rs8177447 rs11548 rs2070593 rs2277940
M6	rs4880 rs2758332 rs2855116 rs2070994 rs2842960 rs752779		rs2536512 rs2695232 rs2855262			rs8177413 rs870407 rs3763012 rs3763011 rs869976 rs8177447 rs2230303 rs2277940
M7	rs4880 rs2758332 rs2855116 rs2070994 rs2842960 rs752779		rs2536512 rs2695232 rs2855262			rs3763011 rs869975 rs8177447 rs11548 rs2277940
M8						rs8177412 rs870407 rs870406 rs3763011 rs8177447 rs2070593
M9		rs752779	rs2536512 rs8192291			rs8177447

Genes					
GPX4	GPX5	GPX6	GPX7	GPX8	CAT
SNPs					
rs713041	rs372898956	rs1970951	rs381852		rs769217
		rs1970951	rs381852		rs769217 rs7943316 rs1049982
rs569667691		rs1970951 rs11810754	rs381852 rs10059517		rs769217
rs713041		rs1970951 rs11810754	rs381852 rs10059517		rs769217
	rs974334	rs1970951	rs381852		rs7943316 rs1049982 rs12270780 rs2073058
		rs1970951 rs11810754	rs381852 rs2270910 rs10059517		
rs713041	rs974334	rs1970951	rs381852		rs769217 rs10836235 rs769218 rs16925614
		rs1970951			rs769218 rs769217
rs8178977	rs372898956 rs974334	rs1970951 rs11810754	rs381852		rs7943316 rs769217 rs1049982 rs769218