

Appendix 1

Risk score = [expression of PFKL*(0.0126885770464336)] + [expression of NT5E*(0.0522122581133259)] + [expression of GNP NAT1*(0.00164583109062707)] + [expression of TSTA3*(0.00519392576432534)] + [expression of PAICS*(0.0120775092707441)] + [expression of ACADM*(-0.0209796570547055)] + [expression of UGDH*(-0.00472964233641674)] + [expression of SUCLA2*(0.0258098276906908)] + [expression of NMNAT2*(0.0510632189619637)] + [expression of GK*(-0.0666887568790942)] + [expression of POLR2K*(8.8822917139983e-05)] + [expression of EPRS*(0.00126708936051028)] + [expression of AK3*(-0.0117789112417967)] + [expression of NME3*(-0.00732514613298537)] + [expression of TYMP*(-0.00117584855229708)] + [expression of G6PD*(0.00207677026142319)] + [expression of ENPP6*(-0.307188879693507)] + [expression of MTHFD2*(0.00219421734272339)] + [expression of PLA2G2D*(-0.0512629123469395)] + [expression of CEL*(0.00378918646617738)] + [expression of RDH16*(0.0373224337052466)] + [expression of QPRT*(0.0140363310679199)] + [expression of IDO1*(-0.00459888439752152)] + [expression of IL4I1*(-0.00513015793687663)].