

Table S3 – Comparison of evolutionary and non-evolutionary disease maps

Disease associations shared between Evolutionary and Goh <i>et al.</i> map
Thalassemia, Heinz body anemia
Thrombophilia, Dysfibrinogenemia
Complement deficiency, Immunodeficiency
Holoprosencephaly, Nightblindness (“Ophthalmological cluster”)
Blood group, Spherocytosis, Elliptocytosis, Malaria
Ichthyosis, Arrhythmogenic right ventricular dysplasia
Evolutionary disease associations not found in Goh <i>et al.</i> map
Hirschsprung disease, Melanoma
Bethlem myopathy, Surfactant metabolism dysfunction
Mental retardation, Myopathy
Achromatopsia, Paraganglioma
Leigh syndrome, various mitochondrial diseases
Iminoglycinuria, Hyperglycinuria, Pseudoaldosteronism, Bronchiectasis