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(54) Title: METHODS FOR DETERMINING RESPIRATORY INFECTION RISK

(57) Abstract: The present invention relates to methods for determining susceptibility to respiratory infections. In another aspect, the present invention provides a method for determining whether an individual has increased susceptibility to respiratory infections, the method comprising: contacting cord blood mononuclear cells (CBMCs) from the individual with a TLR4 agonist; measuring levels of expression of biomarkers in the CBMCs; wherein differential expression of biomarkers in the CBMCs contacted with the TLR4 agonist compared to CBMCs not contacted with the TLR4 agonist indicates the individual has increased susceptibility to respiratory infections.

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