

**Table S1.** Quantitative comparison between the mothers and cords datasets using the tensor of gyration metrics, for the visual representation given in Fig. 3

	<i>IgG</i>		<i>IgM</i>	
	<i>Mothers</i>	<i>Cords</i>	<i>Mothers</i>	<i>Cords</i>
$R_g^2$	0.80	0.81	0.65	0.08
$\kappa$	0.85	0.84	0.78	0.41