\[
\text{log(ASO.XL)}(X = C) \quad \text{log(ASO.YL)}(Y = G) \\
\text{log(ASO.XR)}(X = C) \quad \text{log(ASO.YR)}(Y = G) \\
\text{log(APEX.XL)}(X = C) \quad \text{log(APEX.YL)}(Y = G) \\
\text{log(APEX.XR)}(X = C) \quad \text{log(APEX.YR)}(Y = G)
\]