

human-to-human

transmission

 $\operatorname{risk}(x_a^t) \propto \langle \log Pr(x_a^t o x_b^{t+\Delta})
angle$

Haemagglutinin Sequences

... GTSRYSKKFKPEIATRPKVRDQEGR...

... GTSKYGKKFMPEIARRPKVRNQEGR...

A/Gansu-Xifeng/1143/2021

... GSSKYYKRFTPEIVARPKVREQAGR...

A/Sichuan/01208/2021

... GSSKYYKRFTPEIVARPKVREQAGR...

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