

**Supplementary Table S1: Source of recombinant protein and S protein sequences used in the production of eVLPs**

<b>Recombinant protein</b>	<b>Manufacturer</b>	<b>Cat#</b>	<b>Description</b>
SARS-CoV-2 Wu-1 ancestral	Sinobiological	40589-V08B1	SARS-CoV-2 (2019-nCoV) Spike Protein (S1+S2 ECD, His tag)
SARS-CoV-2 Wu-1 ancestral, RBD	Sinobiological	40592-VNAH	SARS-CoV-2 (2019-nCoV) Spike Protein (RBD)
SARS-CoV-2 Beta variant RBD	Sinobiological	40592-V08H85	SARS-CoV-2 (2019-nCoV) Spike RBD (K417N, E484K, N501Y)-His
SARS-CoV-2 Delta variant RBD	Sinobiological	40592-V02H3	SARS-CoV-2 Spike RBD (L452R, T478K) Protein (Fc Tag)
SARS-CoV-2 Lambda variant RBD	Sinobiological	40589-V08B23	SARS-CoV-2 Spike S1+S2 (G75V, T76I, R246N, (247, 253) deletion, L452Q, F490S, D614G, T859N) Protein (ECD, His Tag)
SARS-CoV-2 Wu-1 S2 Subunit	Ray Biotech	230-01103-100	SARS-CoV-2 Spike Protein, S2
SARS-CoV-1 S1+S2	Sinobiological	40634-V08B	SARS-CoV Spike S1+S2 ECD-His (S577A, Isolate Tor2)
MERS-CoV S1+S2	Sinobiological	40069-V08B	MERS-CoV Spike Protein (S1+S2 ECD, aa 1-1297, His Tag)

  

<b>Genotype of S protein sequence</b>	<b>Source</b>	<b>Accession number</b>
Wu-1 ancestral	Genbank	MN908947
Beta variant isolate	GISEAD	EPI_ISL_3911433
Delta variant isolate	GISEAD	EPI_ISL_2356230
Lambda variant isolate	GISEAD	EPI_ISL_3368406
Kappa variant isolate	GISEAD	EPI_ISL_1704611
SARS-CoV-1 HKU-39849	Genbank	JN854286.1
MERS-CoV EMC/2012	Genbank	JX869059.2