

Supplementary Table S1. Amino acid changes during SNU9106 passages through embryonated chicken eggs.

Gene	Amino acid changes ^a				
	E1 (SNU9106)	E5	E10	E15	E20 (BP-caKII)
nsp 7	E34G	D43Y	D43Y	S4I , D43Y	S4I , D43Y
nsp 12	L28M, L30K, L110F, E123D, D468E, K512Q, S567N , K900R	P214L , S567N, P812L , E832D	P214L , S567N, P812L , E832D	P214L , S567N, P812L , E832D	P214L , S567N, R626C , P812L , E832D
nsp 13	N102S, E104D, K206R, F291S , I293L, E507D, P555Q , S559N , G594D	S51L, F291S , I474V, T512I , P555Q, S559N, G594D	S51L, I474V, T512I , P555Q, S559N, G594D	S51L, E168D , I474V, T512I , P555Q, S559N, G594D	S51L, I474V, T512I , P555Q, S559N, G594D
nsp 15	I22M , I38V , A128V, Y143H, T178M, D202E , V249A , N253S, I265M , I297N , D301E, T323A	I22M, I38V, V133I, N173S, D202E, V249A, I265M, I297S	I22M, I38V, V133I, N173S, D202E, V249A, I265M, I297S, K308R , S313L	I22M, I38V, V133I, N173S, D202E, V249A, I265M, I297S	I22M, I38V, V133I, N173S, D202E, V249A, I265M, I297S, K308R, S313L
S	S2L , G3V , L5S , L8I , L12S , V21F , F23S , 24G , 25N ins. , H26N , H56Y , G62S , S64P , A79V , S96A , Y116F , L128M , Q131R , N132D , K154E , T200N , N202S , V218A , D226N , D227S , R229K , S252T , K255R , Q256E , R257K , T271A , H278T , E280V , T281S , S284Q , N291S , S292T , I293F , S294H , T295L , K319I , E320K , N322D , L336P , K369R , S393Q , T422I , R445Q , R457S , S482G , E483A , Y484H , G519D ,	S2L, V21D, D22N, F23 del., H24N, V66A, R118M, F273L, S365I, K488E, F697L, S883F, S1006F,	S2L, V21D, D22N, F23 del., H24N, V66A, R118M, F273L, S365I, K488E, F697L, I847F , S879T , S883F, S1006F,	S2L, V21D, D22N, F23del., V66A, R118M, F273L, S365I, K488E, F697L, I847F , S879T , S883F, S1006F,	S2L, V21D, D22N, F23 del., H24N, V66A, R118M, F273L, S365I, K488E, V500L , F697L, I847F, S879T, S883F, S1006F,
E	I3V, K6N, E9D, A57V,	L27F,	L27F, G23A	L27F, G23A	L27F
M	I26V, I35L, I47F, V55M, I72V, D76N, T77M, L92F, S144A, S223N		L80F		L80F
N	T7A, S101A, S151G, A179T, I232V, P244L, L298V, R299T, S342P, T343N, S351N, R356K	S109R, K136T, V317L, T343S, N407Y	S109R, K136T, V317L, T343S, N407Y	S109R, K136T, V317L, T343S, N407Y	S109R, K136T, I204V , V317L, T343S, N407Y

^a Amino acid changes were determined by comparison to corresponding amino acid sequences of KM91.