

**Table S2 (Unique mutations in SCV strains isolated from second run of evolution in LTSP)**

<b>Strain</b>	<b>Mutation</b>	<b>Gene</b>	<b>Description</b>
Strain#2	1. T59P 2. L354Q	1. <i>paaX</i> 2. <i>lon</i>	1.DNA-binding transcriptional repressor PaaX 2.Lon protease
Strain#8	Insertion of 1,199bp	<i>gatA</i>	Rac prophage; uncharacterized protein YdaG
Strain#10	1. $\Delta$ 13 bp 2.H164L	1. <i>acrB</i> 2. <i>cpdA</i>	1.multidrug efflux pump RND permease AcrB 2.cAMP phosphodiesterase
Strain#12	Q226*	<i>cpdA</i>	cAMP phosphodiesterase