

Table S1. List of complete *Shigella flexneri* genomes and their accession numbers used for comparative genomics.

S.N	<i>Shigella flexneri</i> Types (serotype and strain)	Accession Numbers
1	<i>Shigella flexneri</i> 1a strain 0228	CP012735.1
2	<i>Shigella flexneri</i> 2a strain 2457T	AE014073.1
3	<i>Shigella flexneri</i> 2a strain 301	AE005674.2
4	<i>Shigella flexneri</i> 2a strain 981	CP012137.1
5	<i>Shigella flexneri</i> 2a strain NCTC1	LM651928.1
6	<i>Shigella flexneri</i> 4c strain 1205	CP012140.1
7	<i>Shigella flexneri</i> 5b strain 8401	CP000266.1
8	<i>Shigella flexneri</i> Xv 2002017	CP001383.1
9	<i>Shigella flexneri</i> Y strain 2003036	CP004056.1
10	<i>Shigella flexneri</i> Yv strain Shi06HN006	CP004057.1