

**Table S3.** Summary of the classification of the survival-associated words.

<b>Mapping in</b>	<b>Type of genetic variation</b>	<b>Number of associated words for ST-21 complex</b>	<b>Number of associated words for ST-45 complex</b>
Gene	SNP	419	607
Gene	indel	0	0
Gene	locus presence/absence	0	0
Gene	undetermined	1455	26
Intergenic region	-	110	0
Unmapped	-	765	0