

**Fig S1.** Amplicons of upstream region (UP), downstream region (DOWN), kanamycin resistance cassette (KAN), mutagenesis construct (FUS), internal control region (INT). As evident from line 7 to 10, relative to the deletion confirmation, the knockout mutant (lanes 9 and 10) lacks the INT amplicon while having the KAN, whilst for the wild type strain (lanes 7 and 8) the situation is the opposite.

