

Spo0A~P imposes a temporal gate for the bimodal expression of competence in *B. subtilis*

Table S1

Table S1: Bacterial strains used for this study

<i>B. subtilis</i> strains	Genotype ¹	Source / reference ²
BD630	<i>his leu-8 metB5</i> ,	Lab strain
BD4773	<i>his leu-8 metB5, PcomK::luc cm</i>	This study
BD4893	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK spc</i>	This study
BD4954	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK spc, Δspo0F ΔPstI</i>	This study
BD4954	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK spc, Δspo0F ΔPstI, ΔkinB phleo</i>	This study
BD4954	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK spc, Δspo0F ΔPstI, ΔkinA ery</i>	This study
BD5025	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK tet</i>	This study
BD5699	<i>his leu-8 metB5, PcomKA1::luc cm, ΔcomK tet</i>	This study
BD5700	<i>his leu-8 metB5, PcomKA2::luc cm, ΔcomK tet</i>	This study
BD5701	<i>his leu-8 metB5, PcomKA3::luc cm, ΔcomK tet</i>	This study
BD5702	<i>his leu-8 metB5, PcomKR1::luc cm, ΔcomK tet</i>	This study
BD5703	<i>his leu-8 metB5, PcomKR2::luc cm, ΔcomK tet</i>	This study
BD5731	<i>his leu-8 metB5, PcomKA2::luc cm, ΔcomK tet, Δrok spc</i>	This study
BD5773	<i>his leu-8 metB5, PcomK-CFP kan, Pspo0A-YFP cm</i>	This study
BD5784	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK tet, Δspo0A kan</i>	This study
BD5785	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK tet, Δrok spc</i>	This study
BD5786	<i>his leu-8 metB5, PcomK::luc cm, ΔcomK tet, Δrok spc, Δspo0A kan</i>	This study
BD5837	<i>his leu-8 metB5, PcomKA123::luc cm, ΔcomK tet</i>	This study
BD5840	<i>his leu-8 metB5, PcomKA123::luc cm, ΔcomK tet, Δspo0A kan</i>	This study
BD5845	<i>his leu-8 metB5, PcomK-CFP kan, PcomGA-YFP cm</i>	This study
BD5848	<i>his leu-8 metB5, PcomKA123::luc cm, ΔcomK tet, Δrok spc</i>	This study
BD5922	<i>his leu-8 metB5, PsigH::luc spc</i>	This study
BD5923	<i>his leu-8 metB5, PsigA::luc spc</i>	This study
BD5945	<i>his leu-8 metB5, PcomK-CFP kan, Psdp-YFP cm</i>	This study
PP530	<i>his leu-8 metB5, Pspo0A::luc cm</i>	[1]

¹ The *PcomK::luc* fusion was integrated at the native *comK* locus by single reciprocal (Campbell-like) recombination, preserving the wild-type native locus and placing the fusion under control of all the upstream regulatory sequences.

The *PsigA::luc* and *PsigH::luc* fusions were integrated at the *amyE* locus by double cross-over. The correct insertion at the *amyE* locus was verified by the loss of the amylase activity.

The *Pspo0A-YFP* and *Psdp-YFP* fusions were integrated at their native locus by single reciprocal (Campbell-like) recombination, preserving the wild-type native locus and placing the fusion under control of all the upstream regulatory sequences.

² The sources of the knockout mutations, other than *ΔcomK tet*, are as follows: *ΔcomK spc* [2], *Δspo0A* (M. Fujita), *ΔkinA* [3], *ΔkinB* [3], *Δspo0F* (I. Smith), *Δrok* [4]. The source of the *PcomK-CFP* fusion is [5].

References

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