

Table S6. Input and output domains of signal transduction systems found in the *P. thermopropionicum* genome.

Domain	Number		
	One component	Two component	Total
Input domain	165	22	187
PAS	12	7	19
GAF	11	4	15
LysR_substrate	5	1	6
PASTA	4		4
Cache	4		4
TOBE	3		3
Chase2	3		3
Chase3	2	1	3
Output domain	165	30	195
HTH_3	17		17
HD	15	1	16
AraC	10	3	13
LysR(HTH_1)	10	1	11
GGDEF	9	1	10
pkinase	9		9
GntR	7		7
MarR	3	4	7
MCP	5		5
GerE	3	2	5
HTH_11	3	2	5