

Behaviour tracking platforms



behavr table

Metadata

id	machine_name	date	...	condition	sex	...	p
xxx...xx x	machine_001	2016-09-01	...	A	M	...	p ₁
xxx...xx y	machine_001	2016-09-01	...	B	M	...	p ₂
xxx...xx z	machine_002	2016-09-03	...	A	F	...	p ₃
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
n	machine _n	date _n	...	condition _n	sex _n	...	p _n

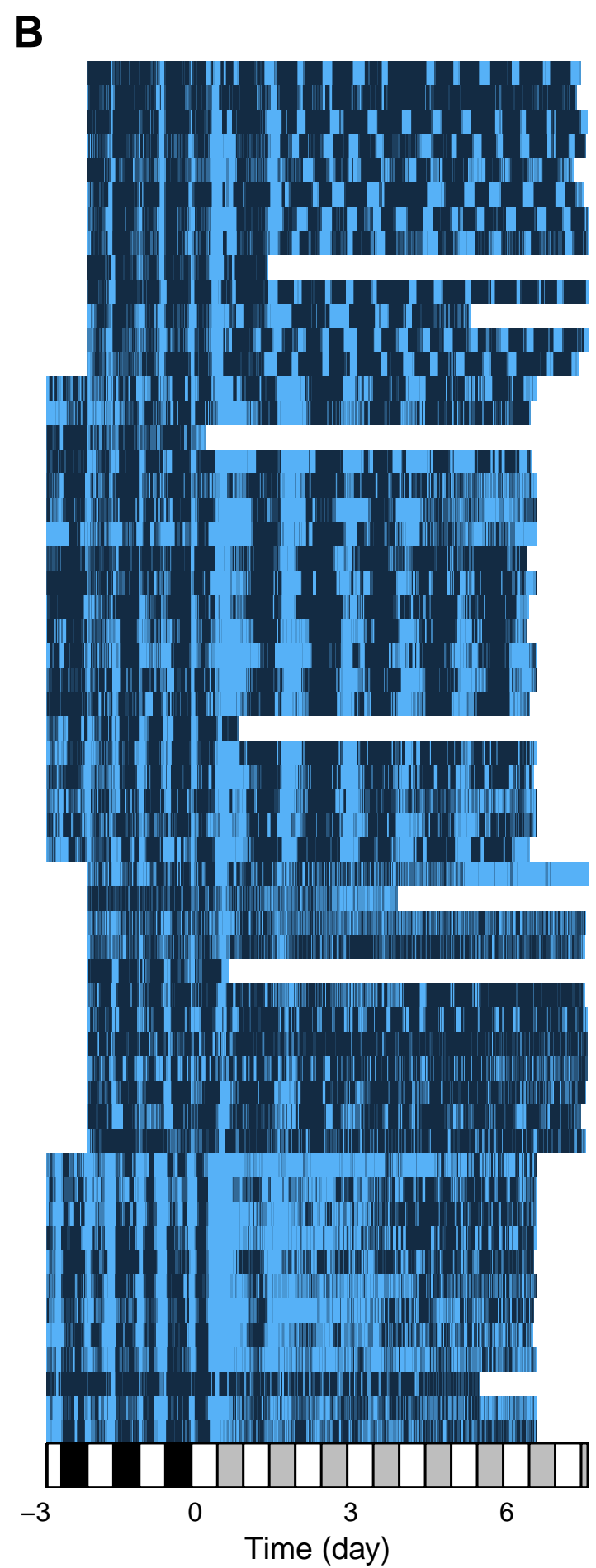
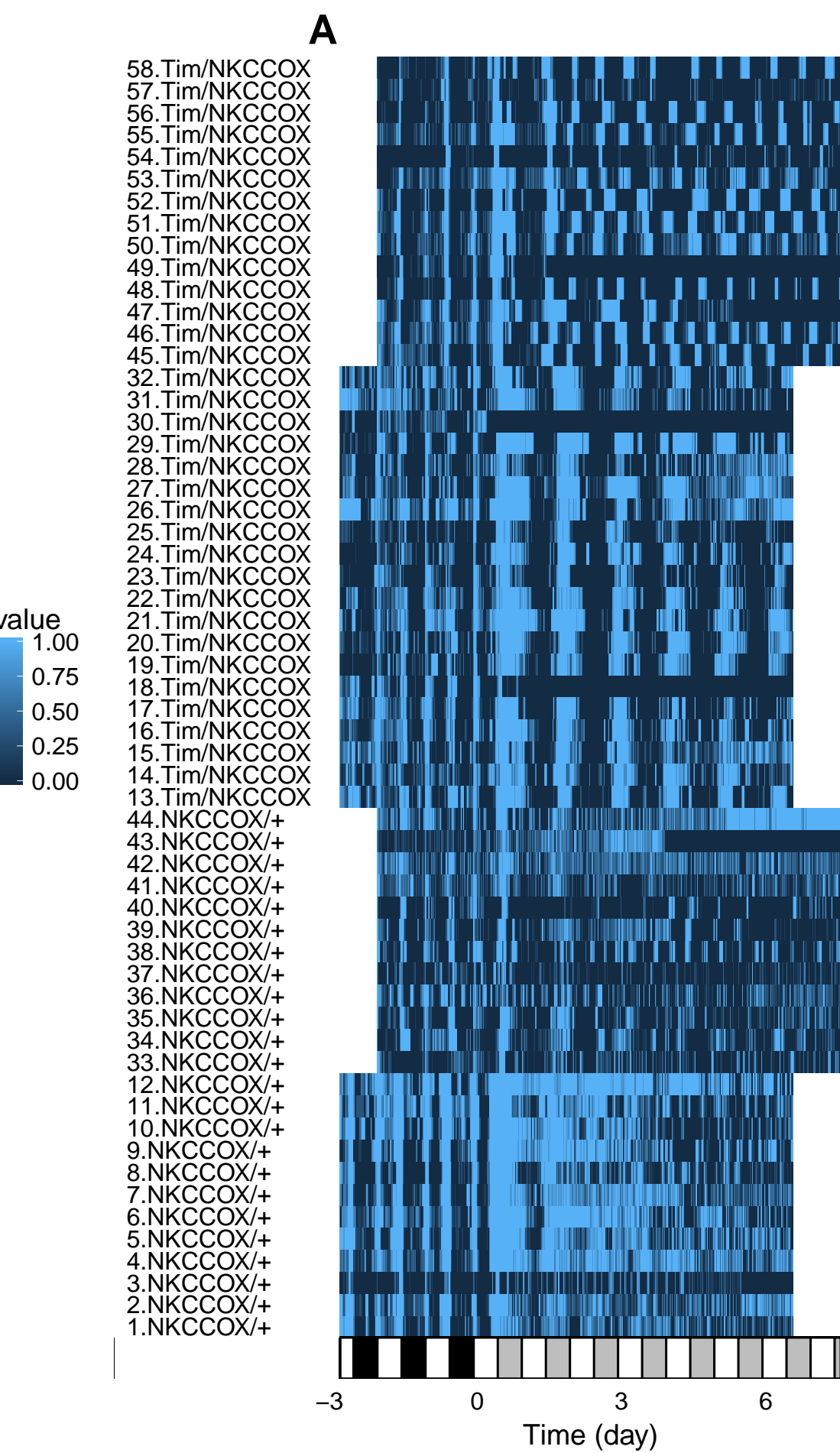
Platform fields

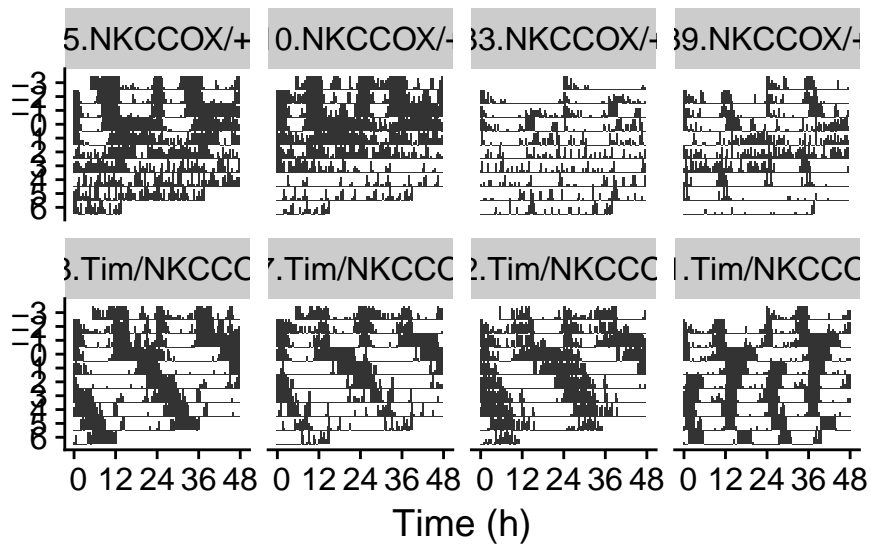
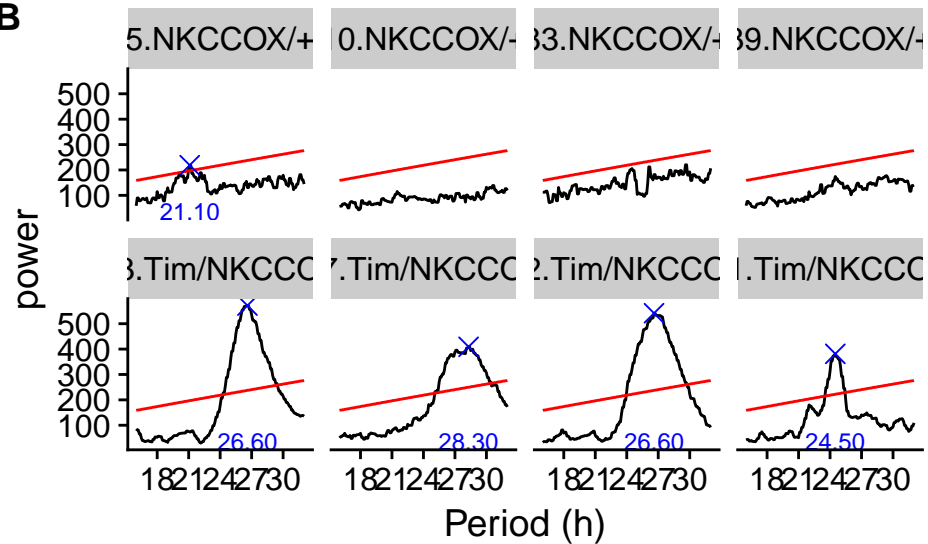
Experiment fields

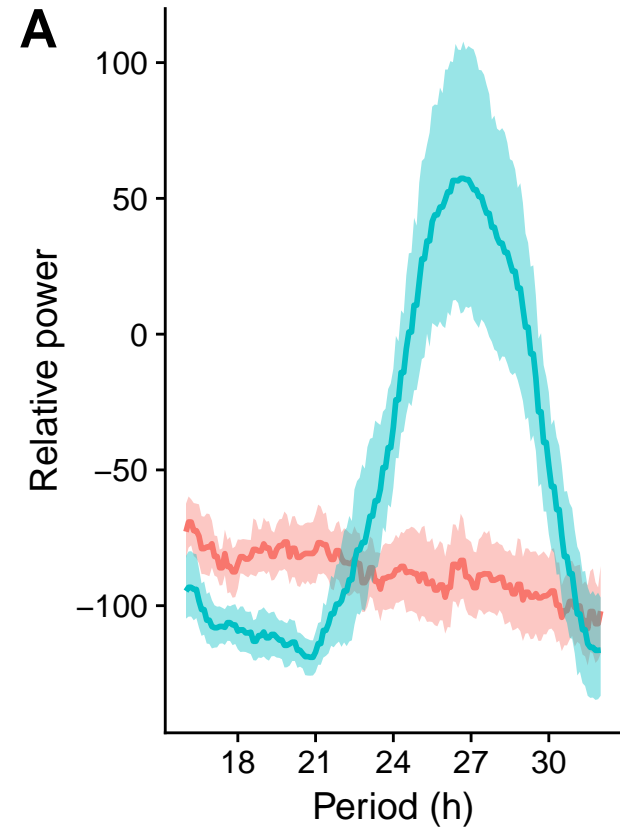
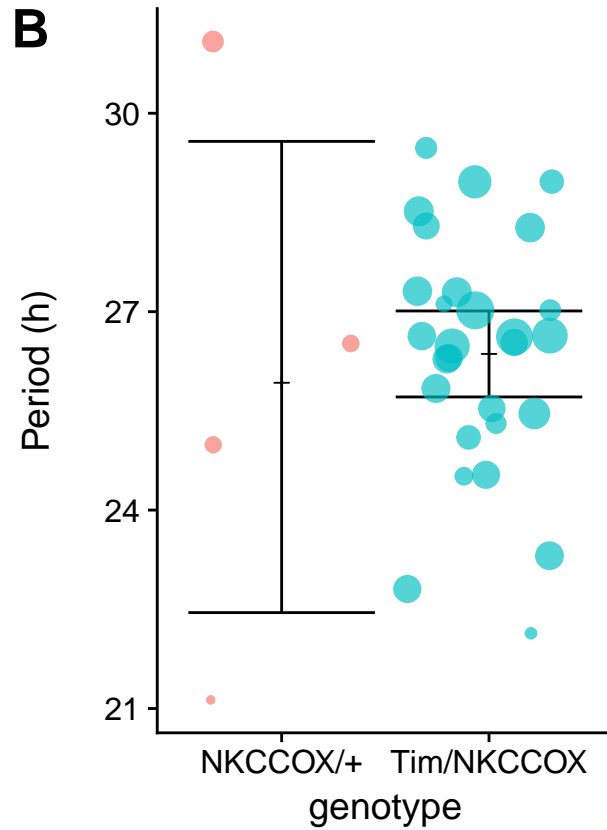
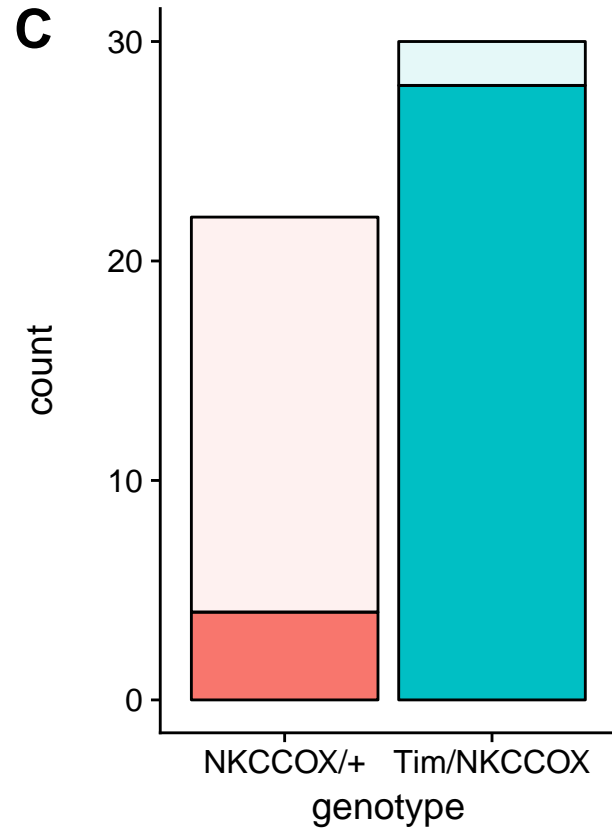
+

Data

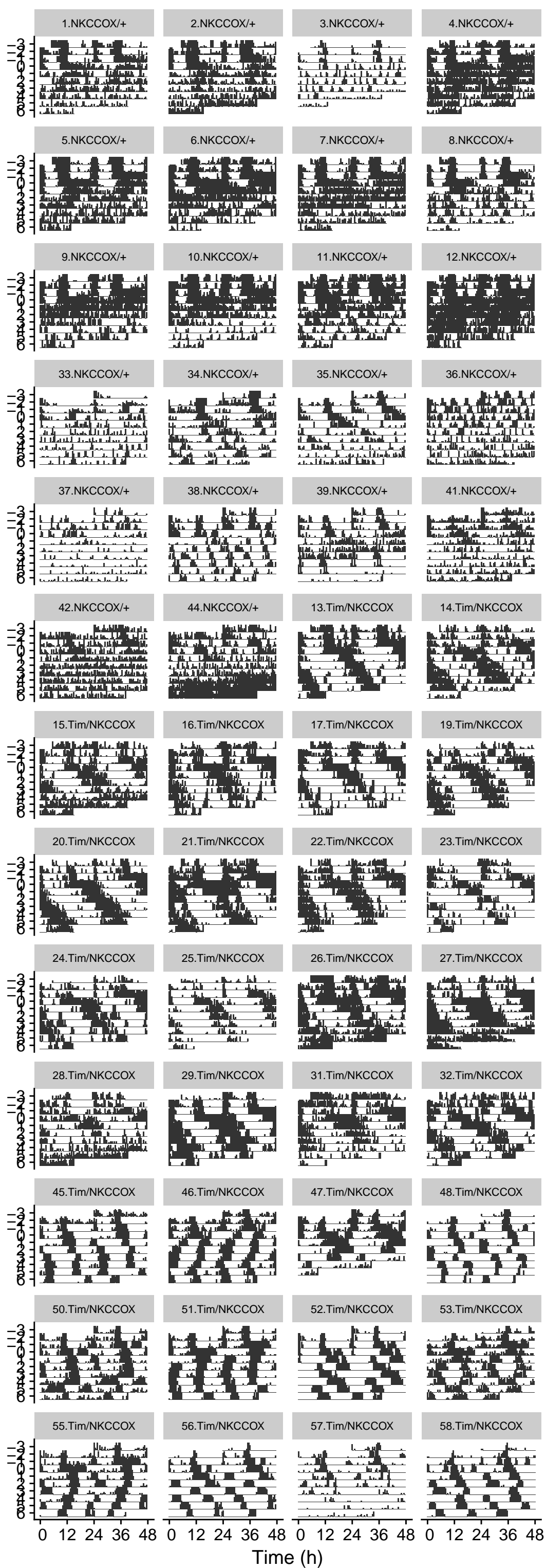
id	t	activity	...	q
xxx...xx x	1	1	⋮	q _{1,1}
xxx...xx x	2	0	⋮	q _{1,2}
xxx...xx x	3	0	⋮	q _{1,3}
xxx...xx x	⋮	⋮	⋮	⋮
xxx...xx y	⋮	⋮	⋮	⋮
xxx...xx z	1	0	⋮	q _{3,1}
xxx...xx z	2	2	⋮	q _{3,2}
xxx...xx z	3	0	⋮	q _{3,3}
xxx...xx z	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮
n	⋮	⋮	⋮	q _{n,k_n}



A**B**

A**B****C**

genotype • NKCCOX/+ • Tim/NKCCOX first_peak_power ● 300 ● 400 ● 500

A**B**