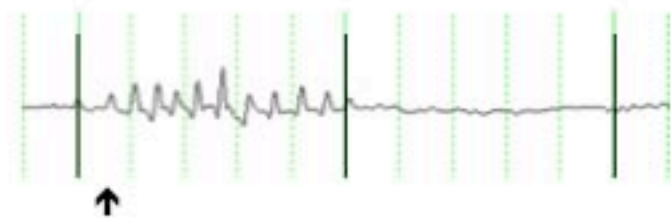
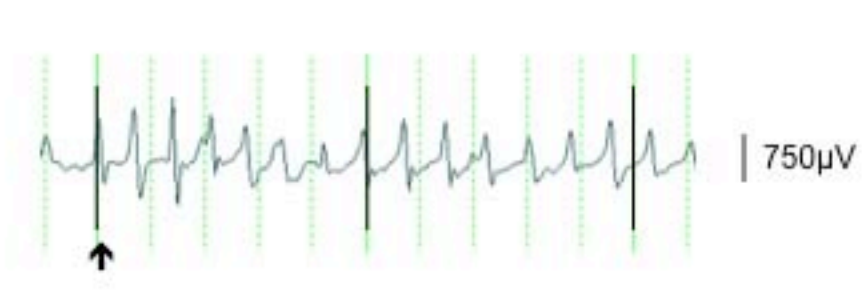
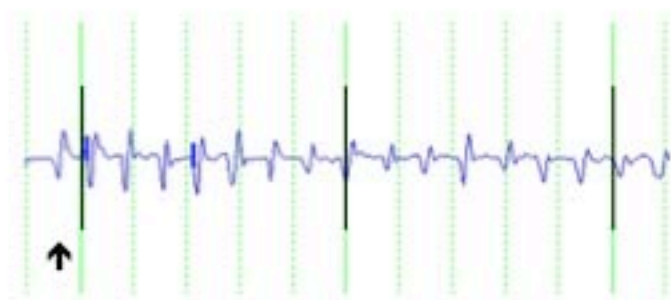
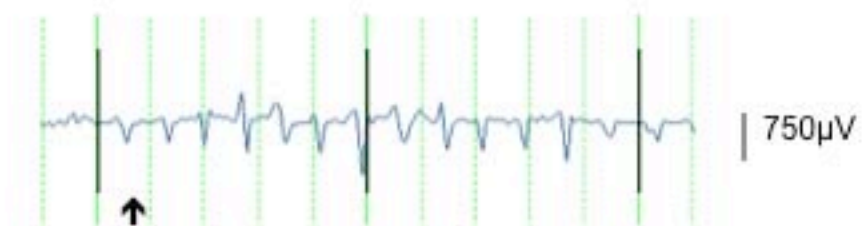
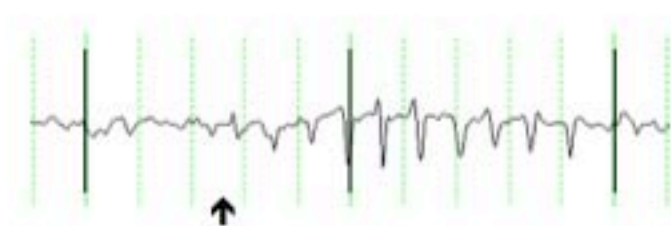


A

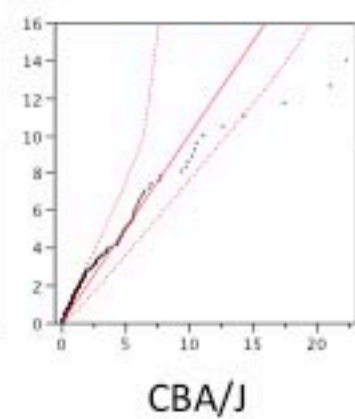
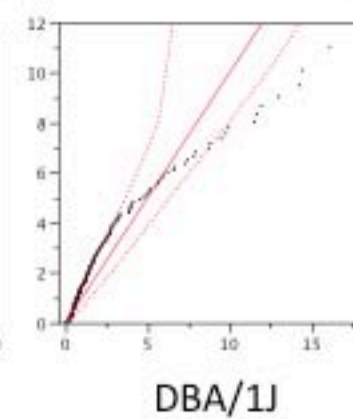
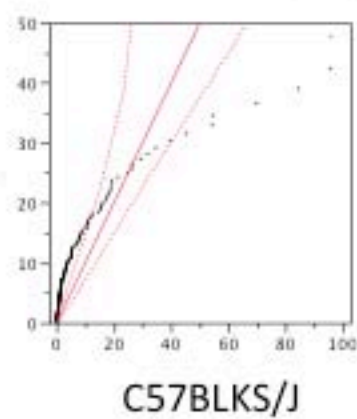
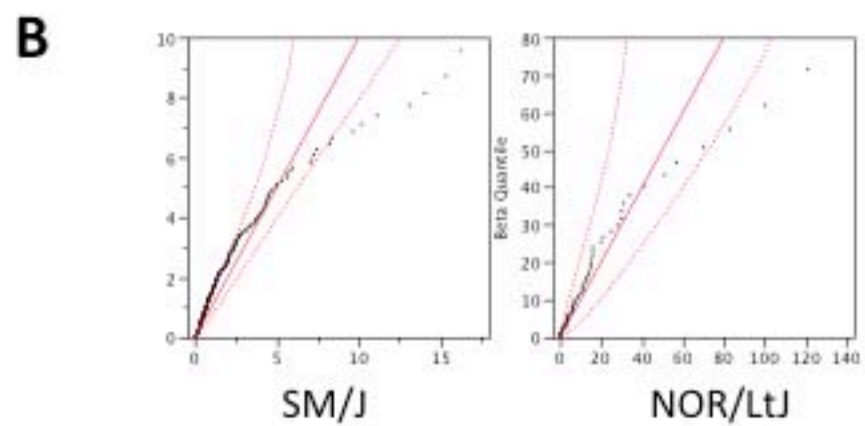
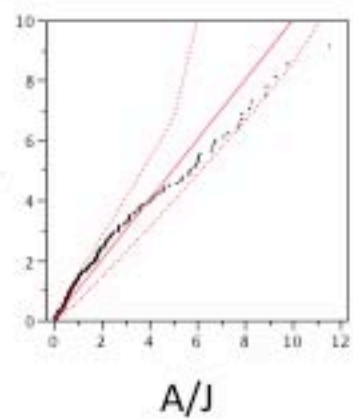
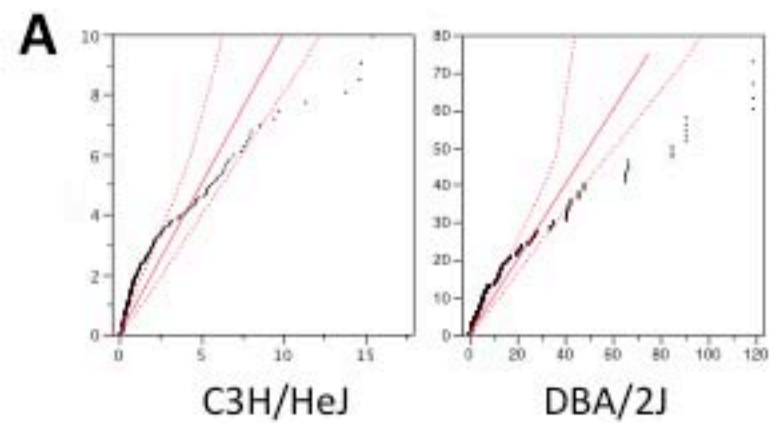
mouse 1



mouse 2

**B****C**

1s

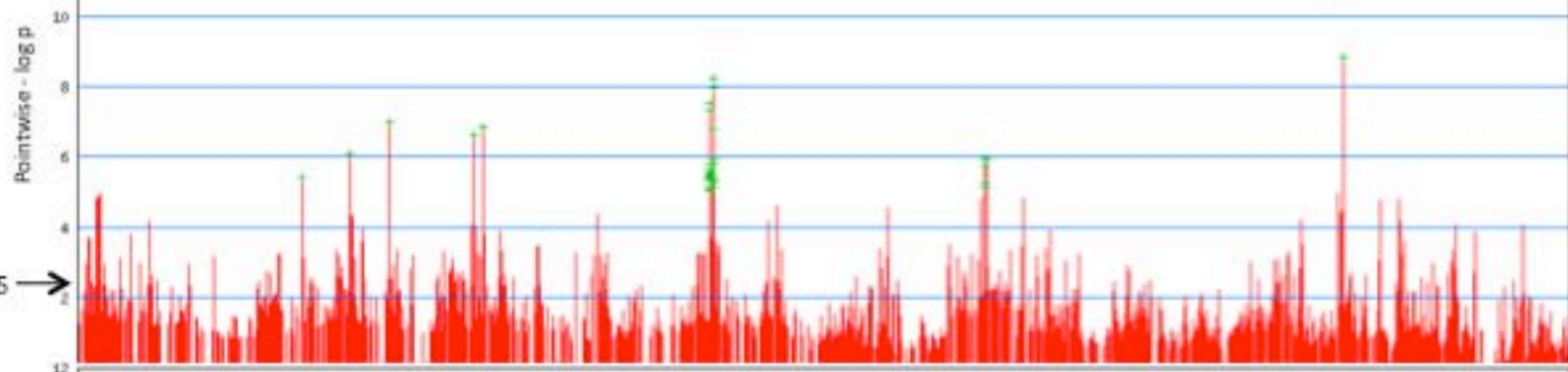


	CBA/J	C3H/HeJ	DBA/2J	SM/J	DBA/1J	A/J	C57BLKS/J	NOR/LtJ	AKR/J	ILnJ	MRL/MpJ	P/J	BALB/cByJ	PL/J	NOD/ShiLtJ	SWR/J	C57BL/10J	SJL/J	FVB/NJ	C57BL/6J	C57BL/6NJ	LP/J	BTBR_T+ _{tf} J	129S1/SvImJ	NZB/BINJ	NZW/LacJ	test SWD+ vs SWD-
CBA/J	-	93	85	83	85	84	79	79	82	81	84	80	84	82	79	79	77	80	80	77	77	77	78	78	77	76	0.036
C3H/HeJ	93	-	84	81	84	87	79	79	82	80	85	80	85	82	79	79	77	80	80	77	77	78	78	77	76	0.053	
DBA/2J	85	84	-	80	97	80	82	79	80	82	80	82	80	80	79	78	77	79	78	77	77	77	78	77	76	0.062	
SM/J	83	81	80	-	80	90	78	79	80	79	80	80	80	80	79	80	78	79	80	78	78	77	79	77	78	77	0.066
DBA/1J	85	84	97	80	-	80	82	79	80	82	81	82	81	80	78	78	78	79	79	78	78	78	78	77	78	77	0.082
A/J	84	87	80	80	80	-	77	80	83	80	83	78	89	82	80	80	77	81	81	77	77	77	79	77	78	76	0.294
C57BLKS/J	79	79	82	78	82	77	-	82	78	78	79	80	79	79	78	78	92	79	78	93	93	78	80	78	78	77	0.477
NOR/LtJ	79	79	79	79	79	80	82	-	81	78	80	78	80	80	96	82	80	81	82	80	80	77	78	78	78	77	0.532
AKR/J	82	82	80	80	80	83	78	81	-	80	86	79	83	85	81	80	78	81	80	78	78	78	79	77	78	77	0.319
ILnJ	81	80	82	79	82	80	78	78	80	-	79	80	80	79	78	78	77	78	79	77	77	77	77	78	78	78	0.011
MRL/MpJ	84	85	80	80	81	83	79	80	86	79	-	79	83	84	80	79	78	81	80	78	78	77	78	77	78	78	0.027
P/J	80	80	82	80	82	78	80	78	79	80	79	-	80	80	78	78	79	79	78	79	79	78	79	78	77	78	0.048
BALB/cByJ	84	85	80	80	81	89	79	80	83	80	83	80	-	82	80	80	79	81	81	79	79	79	79	78	78	76	0.074
PL/J	82	82	80	80	80	82	79	80	85	79	84	80	82	-	81	80	78	81	80	78	78	78	79	78	78	78	0.082
NOD/ShiLtJ	79	79	79	79	78	80	78	96	81	78	80	78	80	81	-	83	77	82	82	78	78	77	78	77	78	77	0.393
SWR/J	79	79	78	80	78	80	78	82	80	78	79	78	80	80	83	-	78	87	89	78	78	78	79	78	78	78	0.494
C57BL/10J	77	77	77	78	78	77	92	80	78	77	78	79	79	78	77	78	-	78	78	98	98	76	80	77	78	77	0.732
SJL/J	80	80	79	79	79	81	79	81	81	78	81	79	81	81	82	87	78	-	87	78	78	77	78	78	78	78	0.826
FVB/NJ	80	80	78	80	79	81	78	82	80	79	80	78	81	80	82	89	78	87	-	78	78	77	79	78	78	77	0.852
C57BL/6J	77	77	77	78	78	77	93	80	78	77	78	79	78	78	78	78	98	78	78	-	100	77	80	77	78	77	0.711
C57BL/6NJ	77	77	77	78	78	77	93	80	78	77	78	79	78	78	78	78	98	78	78	100	-	77	80	77	78	77	0.711
LP/J	77	78	77	77	78	77	78	77	78	77	77	78	79	78	77	78	76	77	77	77	77	-	87	92	78	77	0.188
BTBR T+ _{tf} J	78	78	78	79	78	79	80	78	79	77	78	79	79	78	79	78	79	80	78	79	80	80	87	-	84	78	0.168
129S1/SvImJ	78	78	77	77	77	77	78	78	77	77	77	78	78	78	77	78	77	78	78	77	77	77	92	84	-	78	0.183
NZB/BINJ	77	77	77	78	78	78	78	78	78	78	78	77	78	78	78	78	78	78	78	78	78	78	78	78	-	83	0.107
NZW/LacJ	76	76	76	77	77	76	77	77	77	78	78	78	76	78	77	78	77	78	77	77	77	77	77	78	83	-	0.008

SWD
(binary)

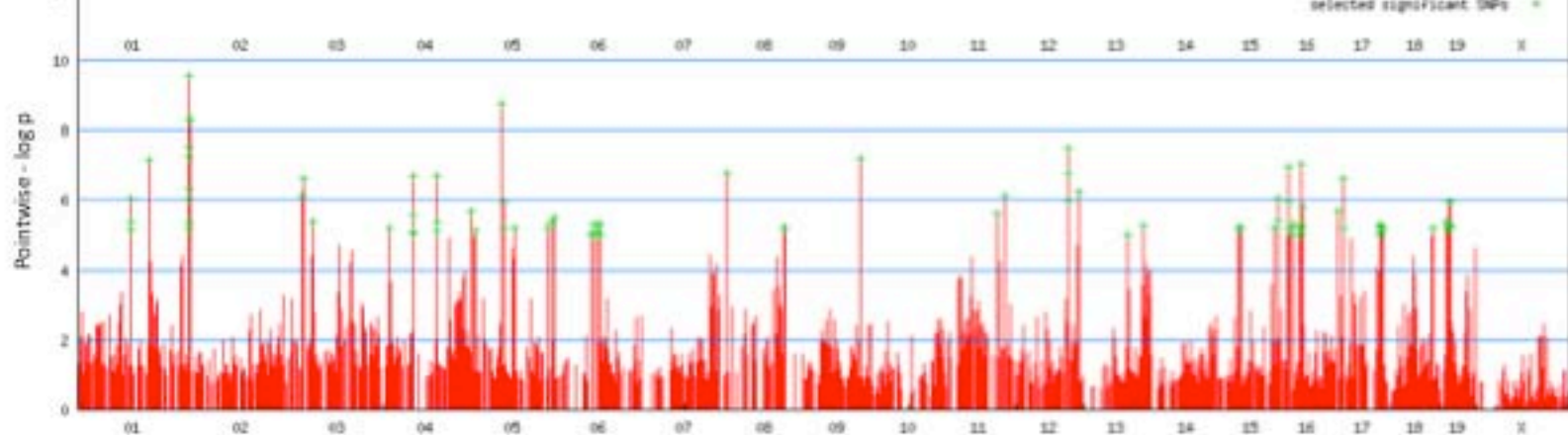
selected significant SNPs

$q < 0.05$

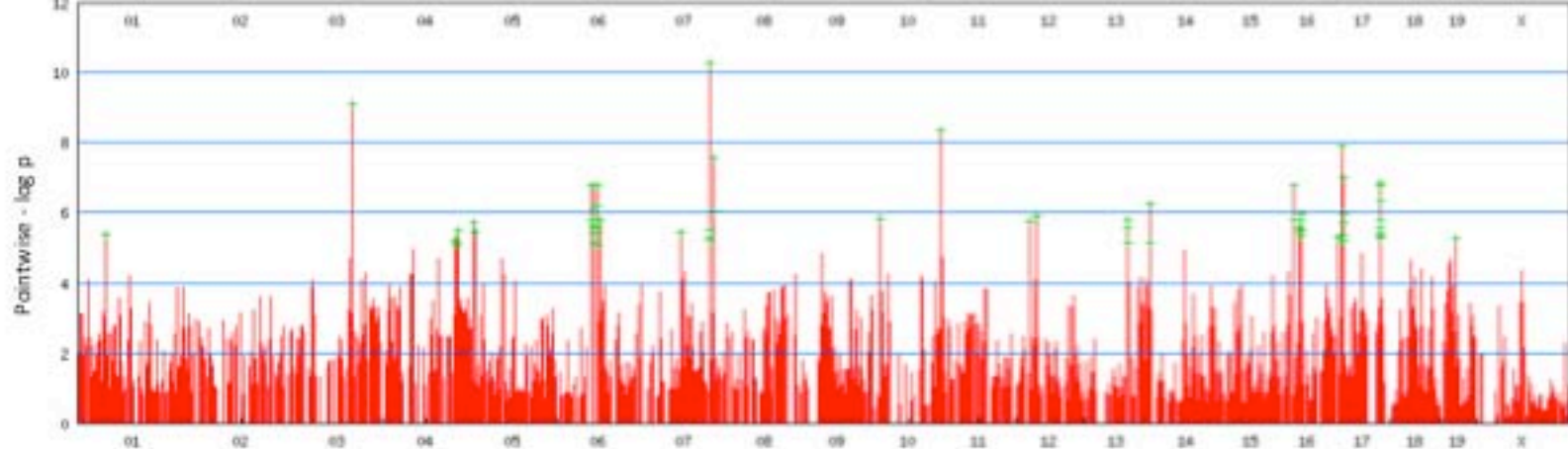


SWD
length
(s)

selected significant SNPs



SWD
incidence
(# per hr)



Chromosome

Strain	Chr 17	Chr7-2	Chr 7-1	Chr1	Chr6	SWD (bin)	SWD (inc)	SWD (len)
C3H/HeJ	S	S	S	S	S	1	14.25	2.45
DBA/1J	S	S	S	S	S	1	21.4	2.7
DBA/2J	S	S	S	S	S	1	4.3	1.3
SM/J	S	R	S	R	S	1	19.95	0.95
A/J	S	R	R	S	R	1	6.5	2.05
CBA/J	S	S	S	S	S	1	7.05	1.3
C57BLKS/J	R	S	R	R	R	1	12.95	0.6
NOR/LtJ	R	S	S	R	R	1	3.05	1.5
I/LnJ	R	R	S	R	R	0	0	0
MRL/MpJ	S	R	R	R	R	0	0	0
PL/J	R	R	S	R	R	0	0	0
AKR/J	R	R	R	R	R	0	0	0
129S1/SvimJ	R	R	R	R	R	0	0	0
BALB/cByJ	R	R	R	R	R	0	0	0
BTBRT<+>tf/J	R	R	R	R	R	0	0	0
C57BL/10J	R	R	R	R	R	0	0	0
C57BL/6J	R	R	R	R	R	0	0	0
C57BL/6NJ	R	R	R	R	R	0	0	0
C57L/J	R	R	R	R	R	0	0	0
FVB/NJ	R	R	R	R	R	0	0	0
LP/J	R	R	R	R	R	0	0	0
NOD/LtJ	R	R	R	R	R	0	0	0
NZB/BINJ	R	R	R	R	R	0	0	0
NZW/LacJ	R	R	R	R	R	0	0	0
P/J	R	R	R	R	R	0	0	0
SJL/J	R	R	R	R	R	0	0	0
SWR/J	R	R	R	R	R	0	0	0