

# S1 Fig

A

Cluster 1 UP-regulated progressively			Cluster 2 UP-regulated at early time points			Cluster 3 DOWN-regulated progressively			Cluster 4 DOWN-regulated at late time points		
Repeat Name	Repeat Family	Repeat Class	Repeat Name	Repeat Family	Repeat Class	Repeat Name	Repeat Family	Repeat Class	Repeat Name	Repeat Family	Repeat Class
Charlie10b	hAT-Charlie	DNA	Arthur1A	hAT-Tip100	DNA	MER106A	hAT-Charlie	DNA	Charlie24	hAT-Charlie	DNA
Charlie1	hAT-Charlie	DNA	Charlie3	hAT-Charlie	DNA	MER30	hAT-Charlie	DNA	Cheshire	hAT-Charlie	DNA
MER45B	hAT-Tip100	DNA	Charlie6	hAT-Charlie	DNA	MER94	hAT-Blackjack	DNA	DNA1_Mam	TcMar	DNA
L1M2b	L1	LINE	Tigger5	TcMar-Tigger	DNA	Tigger10	TcMar-Tigger	DNA	MER75A	PiggyBac	DNA
L1M3b	L1	LINE	L1MA5	L1	LINE	Tigger16b	TcMar-Tigger	DNA	MER91B	hAT-Tip100	DNA
L1M3f	L1	LINE	HERVK13-int	ERVK	LTR	Tigger4b	TcMar-Tigger	DNA	MER97b	hAT-Tip100	DNA
L1P4d	L1	LINE	HUERS-P3-int	ERV1	LTR	Tigger9a	TcMar-Tigger	DNA	Tigger13a	TcMar-Tigger	DNA
Harlequin-int	ERV1	LTR	LTR14B	ERVK	LTR	UCON23	DNA?	DNA?	Tigger2b_Pri	TcMar-Tigger	DNA
HERV15-int	ERV1	LTR	LTR16A1	ERV1	LTR	AluSc	Alu	SINE	AluYh9	Alu	SINE
HERVK14-int	ERVK	LTR	LTR27B	ERV1	LTR	CR1_Mam	CR1	LINE	HAL1	L1	LINE
HERVL18-int	ERV1	LTR	LTR30	ERV1	LTR	L1M3	L1	LINE	L1M2	L1	LINE
HERVL-int	ERV1	LTR	LTR33	ERV1	LTR	L2b	L2	LINE	L1M3de	L1	LINE
LOR1-int	ERV1	LTR	LTR4	ERV1	LTR	L3b	CR1	LINE	L1M4	L1	LINE
LTR12B	ERV1	LTR	LTR5_Hs	ERVK	LTR	L4	RTE	LINE	L1M5	L1	LINE
LTR17	ERV1	LTR	LTR76	ERV1	LTR	LTR19A	ERV1	LTR	L1MA2	L1	LINE
LTR39	ERV1	LTR	LTR89	ERV1?	LTR	LTR32	ERV1	LTR	L1MA3	L1	LINE
LTR41B	ERV1	LTR	MER34A1	ERV1	LTR	LTR35	ERV1	LTR	L1MA6	L1	LINE
LTR51	ERV1	LTR	MER68B	ERV1	LTR	LTR72B	ERV1	LTR	L1MA9	L1	LINE
LTR61	ERV1	LTR	MER87B	ERV1	LTR	LTR90A	LTR	LTR	L1MB1	L1	LINE
LTR7	ERV1	LTR	MLT1E1A	ERV1-MaLR	LTR	MSTD	ERV1-MaLR	LTR	L1MB2	L1	LINE
LTR77	ERV1	LTR	PRIMA41-int	ERV1	LTR	LSU-rRNA_Hsa	rRNA	rRNA	L1MB3	L1	LINE
LTR78	ERV1	LTR	HSAT4	centr	Satellite	(CAAAA)n	Simple_repeat	Simple_repeat	L1MC1	L1	LINE
LTR82A	ERV1	LTR	(CTGGGG)n	Simple_repeat	Simple_repeat	(CAGGG)n	Simple_repeat	Simple_repeat	L1MD2	L1	LINE
LTR8	ERV1	LTR	tRNA-Gln-CAA	tRNA	tRNA	(CAT)n	Simple_repeat	Simple_repeat	L1ME1	L1	LINE
LTR85b	Gypsy?	LTR	tRNA-Gly-GGA	tRNA	tRNA	(CCTG)n	Simple_repeat	Simple_repeat	L1ME2z	L1	LINE
LTR86B2	ERV1	LTR	tRNA-Ser-TCA	tRNA	tRNA	(CTTG)n	Simple_repeat	Simple_repeat	L1ME3F	L1	LINE
LTR8a	Gypsy?	LTR	UCON4	Unknown	Unknown	(TA)n	Simple_repeat	Simple_repeat	L1ME5	L1	LINE
LTR9	ERV1	LTR				(TATAG)n	Simple_repeat	Simple_repeat	L1MEa	L1	LINE
MamGyp-int	Gypsy	LTR				U17	snRNA	snRNA	L1MEc	L1	LINE
MER110A	ERV1	LTR				UCON22	Unknown	Unknown	L1MEe	L1	LINE
MER110-int	ERV1	LTR							L1MEg	L1	LINE
MER41E	ERV1	LTR							L1MEg2	L1	LINE
MER4-int	ERV1	LTR							L1P5	L1	LINE
MER50B	ERV1	LTR							L1PA14	L1	LINE
MER52D	ERV1	LTR							L1PB3	L1	LINE
MER57-int	ERV1	LTR							L1PB4	L1	LINE
MER65-int	ERV1	LTR							Mam_R4	Dong-R4	LINE
MER67C	ERV1	LTR							HERV1-int	ERV1	LTR
MER84-int	ERV1	LTR							LTR16B	ERV1	LTR
MER87	ERV1	LTR							LTR57	ERV1	LTR
MLT1A	ERV1-MaLR	LTR							LTR82B	ERV1	LTR
MLT1A-int	ERV1-MaLR	LTR							MER4B-int	ERV1	LTR
MLT1E1	ERV1-MaLR	LTR							MER52A	ERV1	LTR
MLT1F1-int	ERV1-MaLR	LTR							MER89-int	ERV1	LTR
MLT1F	ERV1-MaLR	LTR							MLT1G3-int	ERV1-MaLR	LTR
MLT1H1-int	ERV1-MaLR	LTR							(ATAGG)n	Simple_repeat	Simple_repeat
MLT1H-int	ERV1-MaLR	LTR							(ATGTG)n	Simple_repeat	Simple_repeat
MLT1J1-int	ERV1-MaLR	LTR							(CACAT)n	Simple_repeat	Simple_repeat
MSTB2-int	ERV1-MaLR	LTR							(CACCT)n	Simple_repeat	Simple_repeat
MSTB-int	ERV1-MaLR	LTR							(CACTA)n	Simple_repeat	Simple_repeat
PrimLTR79	ERV1	LTR							(CATAn)n	Simple_repeat	Simple_repeat
THE1A	ERV1-MaLR	LTR							(CATAT)n	Simple_repeat	Simple_repeat
ACRO1	acro	Satellite							(CATTG)n	Simple_repeat	Simple_repeat
ALR/Alpha	centr	Satellite							(TCTAn)n	Simple_repeat	Simple_repeat
CER	Satellite	Satellite							tRNA-Ile-ATA	tRNA	tRNA
SATR2	Satellite	Satellite							UCON5	Unknown	Unknown
(CAGT)n	Simple_repeat	Simple_repeat							UCON6	Unknown	Unknown
(CTCA)n	Simple_repeat	Simple_repeat									

