1.00	Alu	AluJb $R = -9.19, p = 0$	AluJo $R = 0.017, p = 0.$	AluJr $R = -0.19, p = 0$	AluJr4 $R = -0.51, p = 0$	AluSc $R = -0.2, p = 0.4$	AluSc5	AluSc8 $R = 0.84, p = 0.0$	AluSg $R = -0.0096, p =$	AluSg4 $R = 0.59, p = 0.4$	AluSg7 $R = -0.028, p = -0.028$	AluSp $R = -0.052, p = -0.052$	AluSq $R = 0.36, p = 0.6$	AluSq10	AluSq2 $R = -0.29, p = 0$	AluSq4	AluSx $R = -0.917, p = 0$	AluSx1 $R = 0.36$, $p = 0.2$	AluSx3 $R = -0.28, p = 0$	AluSx4 $R = 0.765, p = 0.4$	AluSz $R = -0.021, p = -0.021$	AluSz6 $R = -0.2, p = 0.4$	AluY $R = 0 2 p = 0.43$	AluYa5 $R = 0.57, p = 0.3$
0.75 - 0.50 - 0.25 -					••		••	•••	,	•	•		· ·	•		•			•	•				•
1.00 -	AluYc	AluYf1	AluYj4	AluYk2	AluYk4	AluYm1 $R = -0.43, p = 0$	AmnSINE1 $R = -0.049, p = 0$	BLACKJACK	• Charlie10	Charlie13a	Charlie13b	Charlie17b	Charlie1a	Charlie20a	Charlie25	Charlie29a	Charlie2a	Charlie2b	Charlie3 $R = 0.67, p = 0.1$	Charlie4z	Charlie6	Charlie7	Charlie7a	Cheshire •
0.75 - 0.50 - 0.25 -	•	•		•		.•	•	•		•			•	•	, •	•		•	•			•		•
0.00 -	CR1-3_Croc	ERV24B_Prim-int		ERV3-16A3_LTR	ERVL-B4-int	ERVL-E-int	• ERVL-int	FAM $R = 1, p = 0.001$	FLAM_A	FLAM_C	● FordPrefect	FRAM	HAL1	HAL1ME	Harlequin–int	● HERV-Fc1_LTR1	HERV-Fc1_LTR2	HERV-Fc1_LTR3	●● ● HERV1_LTRe	HERV16-int	HERV3-int	HERV9-int	● HERV9NC–int	HERVE-int
0.75 - 0.50 -	•		R = 0.13, p = 0.7		κ=0.19, ρ=0.7	R = 0.35, p = 0.2	•	R = 1, p = 0.001	•	R = 0.9, p = 0.29	•		R = -0.34, p = 0	•		• •	•	R = 0.36, p = 0.6		R = 1, p = 0.023	R = 0.82, p = 0)	•	•
0.25 -	HERVH-int	HERVI–int	HERVIP10B3-int	HERVIP10F-int	• HERVIP10FH-int	HERVK11D-int	HERVK14-int	● HERVK3-int	● HERVL–int	• HERVL18–int	● HERVL40–int	● HERVP71A–int	HERVS71-int	• HSMAR2	• HUERS-P2-int	L1HS	L1M1	L1M2	● L1M2a	£ L1M3	∙ L1M3c	• • L1M4	L1M4b	L1M4c
0.75 - 0.50 -	= 0.47, <i>p</i> = 0.2	•	R = -0.42, p = 0		•	R = -0.27, p = 0 •			R = 0.24, p = 0.6			R = -0.31, p = 0	•	R = 0.25, p = 0.	•	R = -0.071, p =	R = 0.31, p = 0.2	R = 0.25, p = 0.6			•	R = 0.6, p = 0.05	R = 0.21, p = 0.7	•
0.25 -	L1M5	• L1M6	• • L1M7	• L1M8	● L1MA1	● L1MA2	● L1MA3	L1MA4	● L1MA4A	● L1MA5	• • L1MA5A	L1MA6	L1MA7	L1MA8	L1MA9	L1MB1	● • L1MB2	• • L1MB3	● L1MB4	L1MB5	L1MB7	• • • L1MB8	L1MC
1.00 - R =	-	R = • 0.93, p = 0		20	R = 0.88, p = 0.3			R = 0.061, p = 0.	R = 0.47, p = 0.2			R = -0.22, p = 0	R = 0.19, p = 0.6			R = -0.38, p = 0	R = -0.63, p = 0		R = 0.0071, p = 0.0071	R = -0.41, p = 0	R = -0.41, p = 0	R = 0.061, p = 0.	R = 0.69, p = 0.0	
0.25 -	•••	•	•	•	•	•			•••	•	•	•	• •	•	•	••	•		•	••	**	• • •	• • •	•
1.00 - R =	L1MC1 = 0.3, p = 0.81	L1MC2	L1MC3 $R = 0.23, p = 0.4$	L1MC4 $R = -0.73, p = 0$	L1MC4a $R = -0.29, p = 0$	L1MC5 $R = 0.27, p = 0.7$	L1MC5a $R = -0.49, p = 0$	L1MCa $R = $	L1MCb	L1MCc	L1MD	L1MD1 $R = -0.045, p =$	L1MD2 $R = -0.22, p = 0$	L1MD3	L1MDa <i>R</i> = 9 .85, <i>p</i> = 0.0	L1ME1 0 $R = 0.15, p = 0.5$	L1ME2 $R = -0_{\bullet} 29, p = 0$	L1ME2z	L1ME3 $R = -0.8, p = 0.4$	L1ME3A $R = 0.053, p = 0.$	L1ME3B $R = -0.086, p = 0.086$	L1ME3C	L1ME3Cz $R = -0.42, p = 0$	L1ME3D ●
0.50 - 0.25 - 0.00 -	•	•	•	••	••	•	•	•••	•	•)	•	. •••	•	•		,	•	•	• ••	•	•	••	•
1.00 - R :	L1ME3E = 0.47 , $p = 0.6$	L1ME3F	L1ME3G $R = -0.008, p = -0.008$	L1ME4a $R = -1, p = 0.00$	L1ME4b $R = 0.12, p = 0.8$	L1ME4c ●	L1ME5	L1MEb	L1MEc $R = -40.12, p = 0$	L1MEd $R = 0.28, p = 0.7$	L1MEf $R = -0.35, p = 0$	L1MEg $R = 0.89, p = 0.3$	L1MEh 1	L1MEi	L1MEj	L1P1 $R = -0.079, p =$	L1P2	L1P3 •	L1P4a	L1P4e	L1PA10 $R = -0.54, p = 0$	L1PA11 $R = 0.073, p = 0.073$	L1PA12 $R = 0.94, p = 0.0$	L1PA13 $R = -0.48, p = 0$
0.50 -	•	•	•	•	•••	_	•	,	•	•	•	. •	,	•	•	•••	•	•	•	•	••••			, •••
0.00 - 1.00 - 0.75 -	L1PA14	L1PA15 $R = 0.48, p = 0.1$	L1PA15-16 $R = 0.49, p = 0.2$	L1PA16 $R = 0.1, p = 0.66$	L1PA17 $R = 0.79, p = 0.4$	•	. 3 4	L1PA4 $R = -0.13, p = 0$	L1PA5 $R = -0.18, p = 0$	L1PA6 $R = -0.78, p = 0$	L1PA7 $R = -0.076, p = $	L1PA8 $R = 0.75, p = 0.4$	L1PA8A 4	L1PB1 $R = 0.25, p = 0.$	L1PB2 0 R = 0.5, p = 0.5	L1PB3 $R = 0.51, p = 0.1$	L1PB4 $R = -0.33, p = 0$ •	L1PBa $R = 0.23, p = 0.4$	L1PBa1 $R = -0.32, p = 0$	L1PREC2 $R = -0.097, p = 0$	R = 0.12, p = 0.9	L2a $R = 0.19, p = 0$	R = -0.47, p = 0	L2c R=-0.028, p=
0.50 -		•	••		•							•	•		•		•	<i>'</i> .		•			• • • • • • • • • • • • • • • • • • • •	
0.00 - R =	L3 = 0.34, $p = 0.1$	L3b	L4_A_Mam $R = 0.99, p = 0.0$	L4_B_Mam	L4_C_Mam	LFSINE_Vert	LOR1-int	LOR1a	LOR1b $R = -0.92, p = 0$	LTR1 $R = -0.042, p = 0.042$	● LTR104_Mam	LTR108c_Mam	LTR108d_Mam	LTR10A R = -0.001, p =	LTR10B $R = -0.11, p = 0$	LTR10B1 $R = 0.025, p = 0.025$	LTR10B2 $R = -0.46, p = 0$	LTR10C $R = -0.19, p = 0$	LTR10D	LTR10E $R = 0.11, p = 0.4$	LTR10F $R = -0.093, p = 0.093$	LTR12	LTR12_ $R = -0.12, p = 0$	LTR12B
0.75 - 0.50 - 0.25 -			•		•			•	•	•	•												ž Ž	•
0.00 -	LTR12C = 0.0034, p = (• LTR12D R =••0.24, p = 0	LTR12E $R = -0.23, p = 0$	LTR12F $R = 0.015, p = 0.$	LTR13	LTR16	• LTR16A $R = -0.53, p = 0$	LTR16A1	◆ • LTR16A2	LTR16B	LTR16B1	LTR16C $R = 0.79 p = 0.4$	● LTR16D 4	LTR16E1	LTR16E2	LTR17 $R = 0.25, p = 0.7$	LTR18A $R = 0.17, p = 0.4$	LTR18B $R = -0.069, p = -0.069$	● ● LTR18C	LTR19A	• • • • • • LTR19C	LTR1A1 $R = -0.57, p = 0$	LTR1A2 $R = 0.067, p = 0.067$	● LTR1B1
0.75 - 0.50 -		*	***	•	•		•	•			•	. •		•	•	• •	••	•	• •) }		•
0.25 -	LTR1D1	LTR1E	LTR1F1	LTR2	LTR22	• LTR22A	● LTR22B1	● LTR22B2	LTR24B	● LTR25	LTR26	◆ LTR26D	● LTR26E	• LTR27	LTR2752	LTR27B	LTR27C	LTR27E	LTR28B	• LTR28C	• LTR29	LTR2B	LTR2C	LTR30
0.75 -			•	R = -0.2, p = 0.6	p = -0.9, p = 0.0				R = 0.78, p = 0.2	•	•	•			r = 0.29, p = 0.2	2 $R = -0.16, p = 0$	•	R = -0.97, p = 0	•			R = -0.99, p = 0	•	•
0.25 -	LTR32	• LTR33	LTR33C	LTR34	• \$ LTR36	● LTR37–int	• LTR37A	● LTR37B	\$• LTR38	• LTR39	LTR3A	LTR4	● LTR40a	● LTR40A1	LTR40b	LTR40c	LTR41	LTR41B	● LTR43B	• LTR44	● LTR45B	LTR46	• LTR47A	LTR47A2
1.00 - 0.75 - 0.50 -	,	R = -0.27, p = 0	R = 0.17, p = 0.8				•				•	R = -0.076, p =	R = 0.059, p = 0	R = 0.56, p = 0.	4 $R = 1, p = 0.036$	R = -0.36, p = 0	•	R = 0.061, p = 0.		R = 0.26, p = 0.6	•	R = 0.65, p = 0.5	•	
0.25 - 0.00 -	• LTR48	• • • • LTR49–int	• • • LTR5_Hs	● LTR50	● LTR52	● ● LTR53B	LTR54	● LTR54B	● LTR57–int	● LTR58	● LTR5B	• • LTR61	• • • LTR64	• • • • LTR69	∳ LTR7	● LTR72	● LTR75B	LTR76	• LTR78	● ● ● LTR79	LTR7B	• • • LTR7C	LTR7Y	● ● LTR8
1.00 - 0.75 - 0.50 -		•	R = 0.09, p = 0.8							•	R = 0.62, p = 0.0	0 •	•		R = -0.96, p = 0			R = 0.72, p = 0.4		·		R = -0.2, p = 0.2		R = 0.034, p = 0.
0.25 -	•	• •		•	•		•	•	•	•			•	•	•		•	•	• •	•	•		• •	•
1.00 - 0.75 -	LTR81A	LTR81C	LTR82A	LTR84a	LTR85a	LTR86A1	LTR88b $R = -0.65, p = 0$ • •	LTR88c $R = 0.55, p = 0.3$	LTR8A	LTR8B $R = -0.19, p = 0$	LTR9 $R = -0.47, p = 0$ •	LTR90A) •	LTR91	LTR9B ●	LTR9D $R = 0.085, p = 0$	MamGyp–int	MamGypLTR1c	MamGypLTR2c	MamGypLTR3a	MamGypsy2–I $R = -0.19, p = 0$	MamRep137 ●	MamRep38	MamRep434 $R = -0.43, p = 0$	MamRTE1 $R = -0.69, p = 0$
0.50 - 0.25 - 0.00 -		•	•	•	•	•	•	• •	•		•	•	•		:	•	•	•	•	•		•	•	•
1.00 - 0.75 -	MamSINE1	MamTip1	MamTip2	MARNA	MER101	MER103C	MER110	MER110-int	MER110A	MER112	MER113	MER115 $R = 0.27, p = 0.8$	MER117	MER119	MER11A $R = -0.59, p = 0$	MER11B	MER11C $R = -0.24, p = 0$	MER121	MER1A	MER1B	MER2	MER20 $R = 0.67, p = 0.2$	MER20B	MER21-int
0.50 -	•	•	•	•		•	•	•	•	•	•	•	•	•	•••	•	•	•	•	•		•	• •	•
0.00 - R :	MER21A = 0.023 , $p = 0$.	MER21B	MER21C $R = -0.19, p = 0$	● MER2B	MER3	● MER30	● MER31–int	MER31B ●	● MER33	● MER34A	● MER34B–int	MER39	MER39B	MER41-int	MER41A $R = 0.14, p = 0.9$	MER41B 9 $R = -0.29, p = 0$	MER41C	● MER41G	● MER44A	MER44B $R = -0.31, p = 0$	MER44C $R = 0.12, p = 0.6$	MER44D $R = 0.45, p = 0.6$	MER45B	● MER45R
0.50 -	•	•	•	•	•	•	•		-	•	•			•	• •		•		,		•••••	••••••	•	
0.00 - R	MER48 = -0.74 , $p = 0$	MER49	MER4B	MER4B-int $R = -0.85, p = 0$	MER4CL34	MER4D	MER4D0	MER4D1	MER50 $R = -0.42, p = 0$	MER50C $R = 0.37, p = 0.4$	MER51A	● MER51B	● MER52–int	MER52A $R = -0.17, p = 0$	MER52C $R = -0.17, p = 0$	MER52D $R = 0.21, p = 0.3$	MER54A	● MER54B	MER57-int	MER57A-int	MER57A1	MER58A	MER58B	● MER5A
0.75 - 0.50 - 0.25 -	••			•		•	•	•		• •			•		š .	•	•			• _		•		
0.00 -	• • MER5A1	● ● MER5B	● _● MER61–int	MER61A	MER61C R=-0.15 n-0	MER61D $R = 0.12, p = 0.4$	MER61E R = 0.26	MER61F	MER63A	● MER65A	● MER65C	● MER66A	• MER66C	MER67A	MER67B	MER68 $R = -0.64, p = 0$	● MER70B	● MER70C	● MER72B	MER73	● MER74A	● MER74B	MER74C	MER76 $R = -0.89, p = 0$
0.75 -	•					•		•	•		•					• σ.σ -, μ = υ					•	•		5.55, μ = U
0.25 -	MER77	● MER77B	• • MER8	● MER83	MER83B-int	MER84-int	MER89	• • MER90a	• • MER91A	● MER91C	MER92A	● MER92B	• MER92C	MER96B	● MER9a3	● ● MIR	• MIR1_Amn	MIR3	MIRb	• MIRc	MLT1A	MLT1A0	• MLT1A0-int	• • MLT1A1
0.75 -	= 0.25, <i>p</i> = 0.6	R = -0.018, p =		•		•			•	•				•	_	R = 0.08, p = 0.6	R = -0.9, p = 0.2	R = 0.46, p = 0.2	R = -0.19, p = 0	R = 0.21, p = 0.3		R = 0.46, p = 0.2	•	•
0.25 - 0.00 -	◆ • MLT1B	MLT1C	● MLT1C–int	MLT1D	• • MLT1D–int	MLT1E	MLT1E1A	MLT1E2	MLT1F	MLT1F1	● MLT1F2	● MLT1G	● MLT1G1–int	MLT1G3	● MLT1H	MLT1H1	MLT1H2	MLT1I	MLT1J	MLT1J1	MLT1J2	MLT1J2-int	• MLT1K	● MLT1L
1.00 - R = 0.75 - 0.50 -	= -0.57, p = 0	R = -0.42, p = 0 •	•	R = -0.24, p = 0		•	R = -0.22, p = 0	•	R = 0.2, p = 0.8	R = 0.23, p = 0.7	R = 0.19, p = 0.0	6 $R = 0.11, p = 0.7$	7		R = 0.2, p = 0.13	R = 0.051, p = 0	R = -0.33, p = 0	R = -0.31, p = 0	R = -0.47, p = 0	• •	R = -0.043, p =		R = 0.085, p = 0.	R = -0.4, p = 0.4
0.25 -	MLT1M	•••• •••• MLT1N2	MLT1O	● ● ● MLT2A1	● ● MLT2A2	MLT2B1	● ● ●MLT2B2	• MITODO	• • • • • • • • • • • • • • • • • • •	• • • MLT2C1	MLT2C2	MLT2F	● MST–int	● MSTA	MSTA-int	• • • • • • •	MSTB-int	MSTB1	MSTB2	MSTC	MSTC-int	● MSTD	Oldh AT 4	ORSL-2a
0.75 -	MLI1M = -1 , $p = 0.04$		WILI IU	MLI 2A1 $R = 0.38, p = 0.7$			IVILI ZDZ	MLT2B3 $R = 0.074, p = 0.$	MLT2B4 $R = 0.62, p = 0.3$	WIEI ZVI	IVILI ZUZ	R = 0.98, p = 0.0				R = -0.55, p = 0		IVIO I D I	IVIO I DZ	IVIO I C	wi⊙ i O−iN[R = 0.73, p = 0.2	Journal I	UNOL-Zd
0.50 - 0.25 - 0.00 -	•	• •	•	•	•••	•	•	•	•.•	•	•	<i>:</i>	•		•	•••	•	•	•	•	•	:	•	•
1.00 -	PABL_A	PABL_B	PRIMA4_LTR	PRIMA41-int	Ricksha	Ricksha_0	Ricksha_c ●	THE1A $R = 0.32, p = 0.0$	THE1A-int $R = 0.5, p = 0.66$	THE1B $R = 0.97, p = 0.0$	THE1B-int $R = 0.57, p = 0.5$	THE1C 1 $R = 0.32$, $p = 0.3$	THE1C-int $R = 0.074, p = 0$	THE1D 1. $R = -0.059, p = 0.059$	THE1D-int $R = -0.19, p = 0$	Tigger1 $R = -0.021, p = -0.021$	Tigger12	Tigger13a	Tigger15a	Tigger17	Tigger17a $R = -0.94, p = 0$	Tigger19a $R = -0.72, p = 0$	Tigger2	Tigger20a
0.50 -		•	•	•	•	•			•		,	.3.	•	•	•	•••	•	•	•	•	•	•	•	•
0.00 → 1.00 − 0.75 −	Tigger2a •	Tigger3	Tigger3a	Tigger3b $R = -0.72, p = 0$	Tigger6a $R = 0.72, p = 0.2$	Tigger7 $R = -0.24, p = 0$	UCON8	UCON89	X6B_LINE	Zaphod	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10
0.50	•	•	•	•	•	, ,	•	•																
0.00 -	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10		log2((counts)											