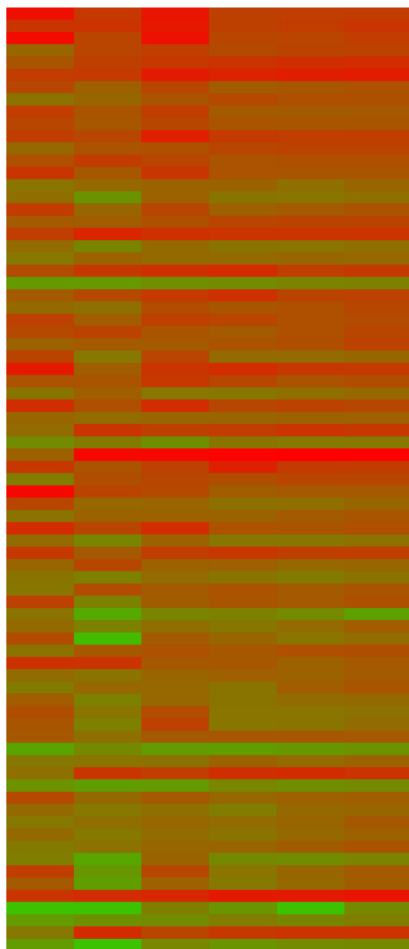


A

TE family	Copies (n)
Gypsy_1	56
Gypsy_3	54
Gypsy_2	46
Gypsy_9	41
Gypsy_7	39
Gypsy_5	34
Copia_3	32
Gypsy_25	31
Gypsy_10	29
Gypsy_17	29
Gypsy_6	29
Gypsy_31	27
Gypsy_4	26
Gypsy_11	23
LINE_2	23
DIRS_1	22
Gypsy_18	22
Gypsy_23	22
Gypsy_41	20
Copia_2	19
Gypsy_27	19
Copia_1	17
Copia_12	17
Copia_4	17
Gypsy_15	16
Gypsy_8	16
Gypsy_13	14
Gypsy_40	14
Gypsy_43	14
HELPO1	14
LINE_1	14
Gypsy_33	13
Gypsy_26	12
Gypsy_42	11
Gypsy_30	10
Gypsy_47	10
TIR1	10
Gypsy_29	9
Gypsy_35	9
Copia_5	8
Gypsy_16	8
DIRS_2	7
Gypsy_20	7
Gypsy_34	7
Gypsy_38	7
HELPO1	7
Copia_6	6
DIRS_3	6
Gypsy_12	6
Gypsy_44	6
Gypsy_45	6
Copia_7	5
Copia_9	5
Gypsy_14	5
Gypsy_21	5
Gypsy_46	5
Copia_8	4
Gypsy_22	4
Gypsy_24	4
Gypsy_28	4
Gypsy_49	4
Copia_11	3
Copia_13	3
Copia_16	3
Gypsy_19	3
Gypsy_39	3
LINE_3	3
Copia_10	2
Copia_14	2
Copia_15	2
Gypsy_32	2
Gypsy_36	2
Gypsy_37	2
Gypsy_48	2
Gypsy_51	2
Gypsy_52	2
Gypsy_50	1



PC15

PC9

N001.HyB

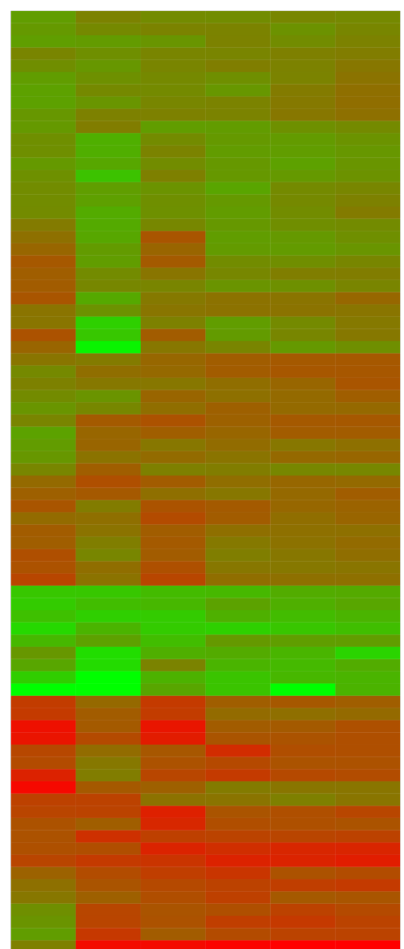
M\_N001

P\_N001

F\_N001

B

TE family	Divergence (%)
Gypsy_37	30.93
Gypsy_49	29.54
Copia_15	29.25
HELPO1	26.17
Gypsy_21	25.74
Gypsy_33	24.35
Gypsy_45	23.25
Gypsy_13	23.98
Gypsy_16	23.61
DIRS_1	23.59
Gypsy_48	23.17
Gypsy_46	22.78
Copia_16	22.73
Copia_10	22.7
Copia_13	22.4
Gypsy_52	22.4
Gypsy_47	22.06
Gypsy_50	21.9
LINE_1	21.85
Copia_6	21.07
Gypsy_30	20.59
Copia_11	20.43
Gypsy_40	20.11
Copia_9	19.98
Gypsy_28	19.46
Gypsy_44	19.07
Gypsy_24	18.74
Gypsy_38	18.74
Copia_3	18.58
Gypsy_7	18.51
LINE_3	18.19
Gypsy_35	17.97
Gypsy_51	17.87
LINE_2	17.66
Copia_2	17.24
Gypsy_20	16.75
Gypsy_5	15.83
DIRS_3	15.22
Copia_8	15.2
DIRS_2	14.99
Gypsy_18	14.34
Gypsy_9	13.9
Gypsy_25	13.88
Gypsy_15	13.75
Gypsy_8	12.99
Gypsy_31	12.85
HELPO2	12.65
Gypsy_6	11.6
Gypsy_14	11.34
Gypsy_43	10.99
Gypsy_27	10.82
Gypsy_29	10.78
Gypsy_32	10.55
Gypsy_39	10.53
Gypsy_11	9.95
Gypsy_12	9.77
Gypsy_19	9.51
Gypsy_23	9.51
Copia_14	9.2
Gypsy_26	8.87
Gypsy_22	8.83
Gypsy_17	8.35
Gypsy_3	7.88
Gypsy_21	6.99
Copia_12	6.42
Gypsy_24	6.33
Copia_5	5.06
TIR1	4.62
Gypsy_41	4.58
Gypsy_2	4.37
Gypsy_10	4.09
Copia_4	2.7
Copia_1	2.6
Gypsy_4	2.33
Copia_7	1.44
Gypsy_26	0.55



PC15

PC9

N001.HyB

M\_N001

P\_N001

F\_N001

Gypsy_27
LINE_2
Copia_11
Gypsy_42
Gypsy_21
LINE_3
Gypsy_46
Copia_14
DIRS_2
Gypsy_33
Copia_2
Gypsy_34
Copia_6
DIRS_1
Gypsy_39
Copia_10
Gypsy_45
Copia_8
Gypsy_24
Gypsy_22
Gypsy_43
Gypsy_19
Gypsy_16
Gypsy_12
Gypsy_28
Gypsy_36
Gypsy_32
Copia_7
Gypsy_23
HELPO1
Gypsy_31
Gypsy_40
Gypsy_15
Gypsy_25
Gypsy_9
Gypsy_35
DIRS_3
Copia_9
HELPO1
Gypsy_4
Gypsy_13
Gypsy_8
LINE_1
Gypsy_17
Copia_3
Gypsy_18
Gypsy_10
Gypsy_11
Copia_12
Gypsy_51
Copia_16
Gypsy_49
Gypsy_47
Gypsy_44
Copia_15
Gypsy_50
Gypsy_48
Gypsy_26
Gypsy_20
Gypsy_2
Gypsy_1
Gypsy_29
Gypsy_38
HELPO2
Copia_5
Gypsy_14
Gypsy_3
Gypsy_6
Gypsy_41
Gypsy_5
Gypsy_37
Copia_1
Gypsy_7
Copia_4
Gypsy_30
Copia_13
Gypsy_52
TIR1

**Figure S8. Non-hierarchical clustering of sRNA expression in 80 TE families.** sRNA transcription is classified for decreasing copy number (A) and divergence (B) values. The table next to each heatmap reports ordered TE families with respective copy number (n) and divergence (%) values. sRNA expression is reported as Log (RPM+0.01).