

SKY karyotype tables

CHROMOSOME ABERRATIONS

Metaphase Number	# of chrs	NUMERICAL CHANGES																						REARRANGEMENTS							
		C H R O M O S O M E																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	X	Y	M					
03_01	55	4	3	3	0	2	2	1	3	3	3	2	6	2	1	2	6	0	1	1	2	2	2	2	0	2	T1:9	T16:1:21:17:18:21	F1:11	T1:16:15	T2:21
03_02	56	5	2	1	2	3	4	3	1	0	0	3	4	3	0	4	3	2	2	1	2	5	0	0	3	3	T1:17	T1:17:18	T1:1:1:19	T3:21	T10:21:4:21
03_03	126	12	7	6	5	2	11	4	7	0	7	6	9	4	4	4	4	2	4	5	8	5	4	0	4	2	T1:7:Y	T1:17:18	T1:7	T1:7	T1:7
03_04	50	4	3	2	0	5	3	3	2	1	3	1	4	2	0	1	2	0	2	1	2	2	1	5	0	1	T1:7	T1:5:1:3	T8:2:22:11:2:11:3:21	T3:5:15:14	T3:14
03_21	61	5	3	2	3	2	4	3	2	2	2	3	4	3	2	2	2	0	1	2	2	5	2	1	0	4	T13:11:17:1	I1:5	I10:2	T2:8:10	T2:6:X:2
03_06	59	2	2	4	4	3	5	3	2	2	3	4	5	1	0	5	2	0	4	2	0	1	0	2	0	3	T1:7	T3:15:7	T3:7	T5:1	T5:3
03_22	56	4	4	2	2	3	3	3	1	1	3	3	4	2	2	2	2	1	2	2	2	3	2	2	0	1	T1:7	T1:13	T2:8	T21:4:2:4:2	T9:3:7:15:14
03_23	60	5	3	1	3	4	2	3	2	3	2	4	3	3	2	2	0	2	1	2	2	1	1	1	5	T1:19	T1:7	I2:9	T2:9	T17:3:19	
03_09	54	4	3	3	4	0	2	3	2	2	3	1	4	2	1	2	2	1	1	3	2	0	1	2	1	5	T1:17:18	T3:19:15	T3:19	T3:19	T9:4:2:4:22
03_10	67	5	2	0	2	1	4	3	4	4	4	5	6	4	0	3	2	1	2	1	2	6	0	2	0	4	T1:18:1	T1:7:1	T1:17:13:18	T2:Y:2:Y:21	T4:5:22
03_11	62	5	2	2	1	1	4	1	2	2	3	3	5	3	0	4	2	0	4	2	2	3	4	2	0	5	T1:5:14:22	T3:15:7	T3:15	T4:5:4	T6:3
03_12	54	7	3	3	2	3	3	1	3	2	2	3	5	0	1	2	0	0	4	4	0	2	2	2	0	0	T1:11	T7:1	T1:17:19:18	T1:5:1:7:19	T2:8:6:10
03_13	59	4	2	3	3	1	5	2	2	1	2	2	4	3	1	3	2	1	2	2	2	4	3	5	1	1	T1:17:18	T1:9:1:19	T2:Y:2:4:21	T3:22:15	T3:22
03_14	56	3	2	2	1	3	3	3	2	1	3	4	5	3	0	4	2	0	3	5	0	3	2	2	0	0	T1:5	T2:10	T3:22:15:12	T12:22:3	T4:17:5:4
03_15	116	12	4	5	7	2	5	3	4	0	5	5	9	7	3	2	5	1	4	6	2	5	1	2	0	17	T1:17:18	T19:5:1	T5:1	T3:5:15:14	T3:15:14
03_16	59	5	2	3	3	1	3	2	3	3	3	5	3	2	0	2	0	2	2	2	0	3	3	1	4	T1:18:5:1	T1:17	T1:17	T1:17	T2:9	
03_17	64	6	2	2	2	3	4	1	2	2	3	4	5	3	1	1	3	0	2	1	2	3	3	1	1	7	T1:19	T1:7	T1:17	T1:5	T3:6:22:15:14
03_24	63	5	2	4	1	3	5	0	3	0	4	1	4	2	3	5	2	1	1	3	2	5	1	3	0	3	T5:17:10:1:2	T1:5:1:3	T21:4:2:11:2:21	T14:15:3	T17:19:3:19
03_19	58	4	2	3	1	0	3	2	2	3	3	3	5	1	2	2	2	0	3	2	3	0	3	2	0	6	T1:7	T1:17:22	T17:1:4	T3:22:15	T3:22:14
03_20	61	6	2	3	3	4	4	3	4	1	2	4	3	2	2	3	2	1	2	2	2	2	1	1	1	1	T1:6	T6:11:19:17:1	T3:5:15:14	T3:5:15:14	T4:5
04_01	63	3	5	4	1	6	2	3	4	1	1	3	3	2	1	4	0	2	2	2	2	3	2	2	1	4	T1:4	T1:11	T2:9	TY:2:6	T9:3:5
04_02	54	4	4	3	2	1	0	4	2	2	3	1	4	2	1	3	1	1	2	2	1	2	2	2	0	5	T1:14	T1:21	T1:11	I22:2	T2:21
04_03	57	4	3	1	2	3	3	4	3	0	2	2	5	2	1	2	1	2	1	2	2	3	2	2	1	4	T1:18	T6:1:14	T2:9	T4:6:12:5	T5:1
04_04	54	4	1	1	4	1	4	4	2	3	2	5	4	2	0	2	2	1	1	0	1	2	2	2	1	3	T4:1	T9:3:11:3	T4:11	T5:10	T6:22
04_05	62	4	3	3	3	3	4	2	2	2	2	4	2	4	5	2	2	1	3	1	2	1	2	0	3	T7:1:4	T6:2:9	T2:10	T3:5	T14:11	
04_06	58	1	4	2	4	4	4	3	3	3	1	3	3	2	0	3	2	1	1	2	2	0	2	2	0	6	T21:2:6	T3:9	T13:4:1	T17:4	T6:22:5:16
04_07	58	5	4	3	2	1	3	4	3	2	0	1	4	2	0	4	3	2	2	3	2	4	2	2	0	0	T14:7:1:14	T1:14	T6:1	T1:6	T2:6
04_08	61	5	3	3	3	3	3	4	3	1	2	4	4	2	1	2	2	1	1	4	3	2	1	2	2	0	T1:6	T1:16	T14:1:2:10:2:15:17	T7:15:22:2	T12:5
04_09	47	4	3	4	4	0	2	2	0	1	1	3	4	2	1	2	0	1	1	1	2	2	1	2	0	4	T1:6:1:14:22	T11:1	T22:2	T16:2	T2:6
04_10	60	3	4	1	2	3	4	4	3	5	2	2	4	2	1	2	2	1	1	3	2	2	2	2	1	2	I18:1:18	T1:22:15:1	T2:6	T2:21:2	T3:11:18:4:1:16:14
04_11	58	5	3	3	2	4	2	2	1	2	2	3	4	2	2	3	2	2	1	2	3	0	4	2	2	0	T1:14	T1:11	T6:2	T16:5	T5:13:22
04_12	43	4	1	2	0	2	3	1	2	2	2	2	2	0	1	3	0	3	1	1	2	2	1	3	2	1	T19:11:8:1	T5:1	T1:8	T5:16	T17:6
04_13	44	4	2	2	3	2	3	1	2	0	3	0	1	2	1	4	1	0	2	2	2	3	1	1	0	2	T1:17:8	T5:1:10	T22:6:Y	T6:16	T17:19:7
04_14	63	3	3	1	2	2	5	3	2	3	2	4	4	2	1	4	1	1	3	2	2	1	3	4	1	4	T5:1	T1:14	T4:1	T9:X:3:22:15:7	T2:9:6
04_15	48	3	3	1	2	1	3	2	1	2	1	3	3	2	2	3	1	2	1	2	1	3	1	2	1	2	T1:5	T1:14	T18:1	T2:10	T2:6
04_16	85	5	5	5	7	2	5	3	0	0	3	2	5	2	3	2	4	1	3	3	4	4	1	2	0	14	T1:18:7	T1:14	T5:2	T2:22	T3:21
04_17	67	7	4	3	2	6	0	4	3	3	2	2	3	2	2	3	2	2	3	2	1	4	1	3	0	3	T15:18:1	T1:8	T1:11	T1:14	T2:Y
04_18	60	0	3	2	2	0	2	3	2	1	1	6	3	3	1	2	3	3	1	3	2	5	1	3	0	8	T3:2	T4:8	T6:11	T14:12:6	TY:12:9:13
04_19	57	4	2	2	2	2	4	2	3	3	1	2	3	1	2	2	3	2	2	3	2	4	3	2	1	0	T1:16:6	T14:7:1	T16:1:5	T6:10:2	T3:21
04_20	42	3	5	1	0	1	2	2	2	2	1	2	2	1	1	1	1	2	0	1	2	3	1	2	1	3	T1:18	T1:18	T15:22:2:Y	T5:3	T6:1
05_01	135	8	5	6	5	4	8	3	7	5	3	3	9	3	3	4	2	3	8	9	5	1	9	5	2	11	T1:3	T3:18:1	T9:2	T15:3	T16:18:22:3:22
05_02	88	4	5	2	3	2	2	2	4	1	3	5	6	3	4	3	6	3	2	4	3	7	3	4	1	6	T1:16:4	T21:3:1	T5:1	T10:22:2	T8:21:2

05_03	96	2	6	2	4	3	3	4	4	3	5	7	6	2	3	5	5	4	3	4	4	4	4	6	1	2	T2:10	T2:21:8	T2:9:8	T3:22:15	T10:17
05_04	89	4	4	6	3	6	5	4	5	2	4	4	3	2	4	4	3	5	1	4	3	4	4	2	0	3	T1:5:21:10	T2:X:3:X	T3:9	T21:12:14:12:5:12:5	T6:4
05_05	93	6	5	3	4	5	6	5	4	2	4	3	6	3	1	3	3	3	2	3	4	5	2	5	1	5	T1:16	TX:5:1	T2:21:8	T2:21	T17:3
05_06	85	4	5	5	3	4	7	3	4	4	3	4	5	2	2	3	4	4	4	3	1	2	3	4	1	1	T1:5:X	T5:1	T8:21:2:12:22	T17:2	T6:2:9:14:18
05_07	88	4	3	4	3	5	5	5	7	2	4	3	6	0	4	0	3	3	4	4	3	4	1	3	0	8	T1:3:X	T1:11	T15:2	T22:21:2	T3:15
05_08	83	3	0	1	3	3	4	7	4	3	8	2	6	2	2	3	3	4	3	2	3	2	2	5	2	6	T1:14:15:5	T1:15	T19:3	T11:6	T10:22:7:22:2
05_09	87	4	5	1	3	2	2	4	3	3	4	6	6	2	3	2	3	6	2	4	4	4	3	4	3	4	T1:22	T2:8	T2:10	T3:2	T3:19:15
05_10	96	4	7	3	4	4	6	1	6	2	4	3	6	2	3	7	4	5	2	4	3	4	5	5	0	2	T1:9	T2:21:8	T2:Y:2:21:8	TY:10:2	T3:9
05_11	90	7	5	2	5	2	6	5	4	3	3	5	4	3	4	4	3	4	5	1	3	2	4	4	1	1	T16:21:16:21:1	I1:6	T11:1:6:12	T2:12	T4:8:2
05_12	85	4	2	4	3	1	6	4	5	2	7	5	6	2	2	4	3	4	4	1	3	4	3	5	1	0	T16:1	T2:21:8	T15:3	T4:8	T7:15
05_13	74	2	2	4	3	6	6	3	4	3	6	3	3	0	1	1	4	2	1	3	3	2	1	2	4	5	T6:X:2:22	T3:10	T22:5	T5:6	T6:2:9:14:18
05_14	83	3	4	5	4	1	5	2	2	5	3	4	5	2	3	3	3	4	2	4	4	2	4	4	1	4	T1:12	T17:2	T8:2	T15:3	I9:3
05_15	85	4	1	5	4	0	4	3	8	4	7	3	6	1	2	3	3	4	3	4	3	2	1	3	2	5	T4:21	T6:3	T7:16	T14:18:8	T8:4:21
05_16	87	7	3	2	3	1	3	5	6	1	3	5	5	5	2	5	4	4	3	2	3	4	4	5	0	2	T10:9:1	T10:1	T10:1	T1:21:16	T14:1:18
05_17	87	6	0	3	2	3	5	3	3	4	8	4	5	2	1	3	3	3	1	4	3	4	3	7	2	5	T1:8	T16:1	T14:1	T3:15	T7:9
05_18	88	5	6	0	5	4	6	2	3	2	4	4	5	2	6	1	4	4	3	4	4	2	2	5	4	1	T5:1:3:16:21:16	T1:10:2	T8:4:21:2	T21:14:6	T6:22
05_19	89	4	4	3	4	3	6	3	4	6	3	4	4	2	3	4	3	4	4	1	3	0	4	4	2	7	TX:5:1	T2:8	T17:3:2	T21:3	T9:3
05_20	92	4	6	7	1	1	3	4	5	3	3	6	6	0	2	3	4	6	2	2	4	5	2	5	0	8	T8:4	T9:21	T22:14	T15:M	T16:21:16:1

M refers to marker chromosomes.

T3:2:11:17:3:9	T5:14	T8:3:2:21	T8:3:2:10	T8:19	T9:6:17	T9:17:5:22	T9:3:17:11:3:2	T10:3:2	T11:1	T12:11:1	T12:Y:12:Y:4
T4:5:4	T5:17	T5:18:17	T4:5:4:12	T6:10	T6:3	T7:5:21	T7:15:12	T8:Y	T12:6:8:2	T12:5:7:3	T12:17:12
T2:21:6:17	T3:14	T3:15:14	T3:14	T3:14	T3:17	T4:5:4	T4:5:4	T4:5:4	T4:12	T4:12	T5:6
T5:6:17	T4:5:4	T9:5:1	T1:5:9:5:11:18	T6:3	T6:11:1:22	T7:3	T18:15:7:14	T8:2	T8:2	T22:9:3:9:3	T10:6:8:21:10:2
T14:15:22:3	T12:4	T21:4:24:2	T5:6:Y:17	T4:5	T1:Y:6	T6:9	T7:3	T12:7	T8:2	T8:2	T9:22:14
T6:7:3:7:6:3	T7:3	T8:10	T9:22:2	T9:3	T10:5:8:21:2:10	T11:6:11	T4:11:16:11	T11:6	T9:11:2:3	T12:8:2	T12:11
T12:4	T4:5:4	T17:5:4	T5:1	T17:Y:6	T9:6:Y	TY:1:7	T7:3	T8:2	T11:1	T12:5:1:19	T12:22:17:22:12
T4:12	T5:4	T17:5	T5:4	T3:6	T6:1	T12:7	T8:2	T8:21	T8:2	T10:2	T12:Y
T4:12	T4:5:4	T6:22	T7:22	T8:9:2	I9:21	T10:11	T10:8:10:2	T13:16:4	T14:5:18:16	T15:16:8	T17:19:3
T4:5	T5:3:17	T6:Y:9	T6:1	T7:14:12	T8:2	T8:2	T8:15	T9:7:15:14	T9:7:15:14	T9:21	T9:16
T8:2	T8:2	T10:21:8:21:2	T12:19:3	T12:4	T12:22	T12:22:8:21:2	T13:16:11	T13:22	T15:9	T15:22	T15:8:7
T3:15:14	T7:14	T4:5:4	T9:4:Y:4:2:9	T5:18:17	T4:5:18:17	T19:5:19:17	T3:6:21	T8:Y	T8:Y:2	T9:9:Y:2	T9:5
T34:12	T4:9:4	T4:5:6:17	T6:7	T6:Y	T7:3	T8:2	T10:8	T9:6:17	T12:5	T12:21:2	T21:3:13
T5:16:5:18:22	T17:1:5:M	T4:5:19	T6:Y	T14:6:Y	T14:6	TM:7	T7:22	T8:2	T8:2	T10:2	T13:16:11
T3:5:15:14	T4:12	T4:12	T4:9:4	TM:4:21	T8:22:2:4:2:4:21	T6:Y	T6:5	T7:3	T7:3	T8:2	T8:2
T3:11	T3:15:14	T4:18:5:4	T4:18	T4:12	T18:4:18	T13:7	T8:15	T8:2	T8:2	T1:9	T12:8:2
T3:6:5:22:15:14	T5:4	T5:6:17	T5:6:17	T5:6	T6:9	T8:21:2	T8:21:8:21	I9:21	T10:8:2	T1:9:10	T10:8:2
T4:5:4	T21:5:4	T5:Y:17	T6:5	T12:6:9:6	T9:6:22:13	T15:6:22	T8:2	T2:10:8:4	T8:4	T2:10	T22:10:8:21:2:15
T4:5:4	T6:17	T7:9	T8:2	T8:2	I21:10	T12:8:2	T14:15:22:6	T14:9	T15:8	T9:22:18	TX:17:10
T12:4	T9:4:2:4:2:8	T4:5:17	T4:5:4	T6:Y	T7:3	TY:Y:3	T8:2	TY:2	T8:2:10	T2:8:10	T2:10
T3:Y:4	T5:18	T7:17	T5:8:1:14	I9:10	T11:13	T6:4:8	TY:3:6	T5:2	T12:Y	T22:14	T1:22:20:15
T3:2	T4:13:19:22	T16:5:11:22	T7:17	T5:7	T8:4	T9:2	T10:22:14:16	T12:10:Y:4:8	T13:M	T20:15	T9:21
T22:5	T6:8:21	T6:5	T11:7	T7:22:17	T14:1:8:4	T12:16:8	T10:9	T3:11:4	T12:16:8	T10:9	T3:11:4
T21:9:6	T17:7	T7:15:22	T9:3	T10:5:6	T4:17:12	T13:11	T13:11	T20:15:22	T22:15	T16:1:11	T15:20
T5:22:12:6	T5:6	T9:5:6	T6:1	T8:4:6	T7:17	T7:17	T11:3	T4:Y:12	T12:10	T1:14	T11:14
T5:14	T1:3:6	T22:6:3:6	T15:22:5:6:2:6:4:8	T7:17	T14:1:8:16:1:15:14:1	T9:21	T5:9	T3:11:4	T19:11	T11:5	T12:5:14:22:5
T5:14	T9:6	T5:6	T6:11:8	T11:7	T7:3	T17:7:11:3	T11:8:2:14	T11:3:9	T12:10:2	T13:3	T13:11
T6:22	T6:14:Y:3	T7:11	T7:22	T3:4:8:1:16	I9:3	T22:10	T11:21	T3:11	TY:12	T14:12	T13:11
T3:6	T3:21	T3:8:4	T1:11:4:14	T6:19:6:9	T89:21	T18:11:19:20	T12:5:11	T11:13	T5:22:14:18:1	T20:15	T20:15
T20:15	T6:9	T6:4:8	T22:21:6	T15:22	TY:9						
TY:6	T21:6	T17:7:22	T17:7	T5:9:Y:9	T4:17:12	T14:1	T1:14:22	T22:15:22	T15:20	TY:22	T6:22
T6:Y:4:8	T18:8	T3:8:13:1:14	T9:3:1:6	T10:1:16:14:17	I11:Y	T14:1	T16:14:17	T18:1	T20:15	T22:6	TX:19:15
T6:8	T14:8:11	TY:10	T10:14	T12:22:17:4:8							
T14:6:Y:6:10	T6:4:21	T6:2	T7:17	T7:22:17	T9:5	T9:3	T6:11	T5:22:5:11	T11:Y:21	T17:12	T13:5:18:1
T5:1	T6:22	TY:9:6:Y	T17:7	T17:7	T6:5:11	T12:10	T13:16	T22:15	T1:14	T19:15	T22:15
T9:3:2:Y	T5:16:9:3	T11:13:4:1:18:7	T1:4	T6:22:17:19:6	T6:9	T21:3:6	T3:6:22:15	T6:5:1	T17:7	T17:2:10:2	T3:6:22:15
T2:Y	T5:3	T15:19:5:3	T4:8	T16:5:9	T5:11	T5:4:11:4:8	T14:12:1:8:7:11	T9:21	T20:15:22:9:3	T12:17	T17:22:15
T10:22	T12:6	T13:11	T15:18	T16:14	T2:12:14:16	T12:17	T22:2	T21:3	TX:20		
T6:16	T6:11:18	T21:6	T22:5:6	T11:16:1:7:17	T14:1:16:Y:8:11	T1:6:9	T11:9	T10:1:10:1:10	T21:12	T14:12	T5:14
T22:6:Y	T17:7	T4:8:18	T9:6	T4:17:12	T14:1	T22:15:22	T20:15	T15:20:15			
T10:4	T22:5	T12:22:5	T5:6	I22:6	T22:5:9	T9:8	T18:9	T12:22:10:22:15	T3:18	T5:13	T13:9:8:9:3:X
T2:22	T21:5:14	TY:6	T7:22:12	T12:16	T5:13	T14:21	T5:14:7:5:9	T17:10:2	T7:18	T8:18:8	T19:3:11

T12: 6:17:6:12	T12:3	TY:12:Y:4	T13:11	T13:11	T14:18	T15:9:2:21	T16:7	T16:1	T18:12	T21:5:9	TX:2:9:19:17
T13:16:11	T13:16:11	T13:3:9:14	T15:8	T5:15:6:14	T15:10	T13:18:16:15	T15:10	T13:18:16:15	T17:19:15:9	T17:19:9:X	T18:5
T5:6	T6:21	T7:9	T7:Y	T7:3	T7:Y	T8:2	T8:2	T2:8:18	T8:18	T8:2	T2:8:8:2
T12:8:21:2	T12:22:17:22:12	T12:15:7	T13:11	T13:5:9:22	T16:18:14:12	T20:19	T20:X:9	T21:10	T19:X:9:10:17		
T11:6:16	T1:7	T12:8:2	T12:22:17:22:12	T5:12	T22:13	T13:16:11	T13:16:11	T14:21	T14:15:22:Y	T15:1:8	T5:21
T12:5:15	T12:7:4:12:18	T13:2	T15:8	T15:18	T18:15	T18:7	TX:3:19				
T12:8:2	T13:16:11	T13:22	T6:15:14	T14:21	T8:15	T17:3:19	T21:5	T21:Y	T17:19:X		
T12:4	T12:7:3	T12:22:12	T13:16:11	T13:16:11	T9:22:13	T14:9:Y	T6:14:15:6:Y	T14:13	T15:9	T18:17:1	T21:3
TX:3	TY:21:6:Y										
T10:6:21:14	T9:7:15:14	T9:21	T9:16	T10:6:21:14	T10:21:Y:21:2	T10:2	T10:3	T12:5:1:22	T:16:12:Y:8:Y:21:2	T12:17:12	T12:4
T21:14:15	T18:13	T22:7:12	T22:6	TX:19:17							
T11:1	T12:22:17:12	T12:6:8:9:Y	T12:5:22	T12:4	T5:22:14:15:17:22:6	T18:22:5	T21:9:5	TX:3:19:17			
T13:16:11	T13:16:11	TY:14:15	T15:13:22	T11:6:15:14	T19:17	T22:20	T21:Y	T22:8	T2:21:8:X	T2:X:3	
T11:16	T16:11:17:11:Y	T13:18:15:1:17:12	T12:4	T2:Y:21:16:12	T12:22	T18:13	T13:22:9:21	T22:15	TY:12:15:13	T15:8	T6:22:15:16:1
T8:M	T20:13:8:2	T10:X:5:20:16:13	T12:8:21:2	T12:16:5:15	T13:16:11	T13:16:11	T13:22:9:21	T13:16:11	T13:7:1	T13:M	T13:M:21
T12:22:7:Y	T12:10:22	T13:22	T13:16:11	T13:16:11	T5:14:15:22:18	T5:14	T16:5	T22:15	TX:3:17	TX:3	TY:5
T12:22:17:22:12	T12:8:2:X	T12:4	T13:16:11	T13:22	T14:21	T18:13	T20:22	I18:4	T21:5	T21:5	T21:5
T3:15:12	T12:22:12	T2:21:12	T11:13	T11:16:13	T14:15:14	T17:22	T11:22:19	T21:5	T19:21	T3:21	TX:15:14
T11:1	T12:21:2	T12:5:15	T12:22:17:22:12	T13:16:11	T13:16:11	T14:15:6	T14:15:6	T13:15	T15:8	T5:18:13	T7:1
T15:20	T22:15	T17:10	T18:16	T20:15	F21:21	T15:22	T22:19	TX:10	TY:12	T7:17:11	T14:1:8:1:14
T22:5:21											
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T15:22	T21:22:1	T21:9									
T6:14:16	T15:17	T17:15:22	T6:22:15:22	T6:15	T22:15:22	T17:7	T19:X	T21:5	T3:21	T9:X	
T12:22:15:22	T12:17:4	T15:6:3	T5:22:15	T11:16:5:3:10	T18:X	T20:15	T22:17	T22:15	T15:17:X	TX:21	
T22:15:22	T15:20:7	T15:20	T16:14:22:10	T19:22	T15:20	T22:21	T22:15	T22:6:22	TX:10	T16:5:3	
T7:15	T22:15	T1:16:22	T22:16:X	T20:15	T21:6	T15:22	T11:Y				
T21:3:21	T6:22	TX:9:3:9:X									
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T9:5:14	T15:22	TX:9	T13:9:3:5:9:X:Y:X	T17:22:3:X	T10:12:3:22:11						
T19:22	T19:X	T20:15	T22:15	T17:4:X							
T6:19:11	T12:17:Y	I12:14	T14:12:17:4	T13:16:1:18	T13:11	T15:12:22	T15:20	T15:20:19	T17:7:16:11:16	T16:6	T11:16
T22:15	T22:15:22	T11:17:1	T19:15	T21:18:1:11	T15:22						
T22:15	T22:15	T22:19	T20:15:22	T20:19	T20:22	T22:15:20	T22:15	T10:16	TY:10:12		
T22:14	T15:22	T15:4	T15:18:3	T16:1:11	T16:18	I14:18	I18:5	T22:18	T9:16:9:16:1:18	TY:5:18	T22:19
T1:7:19	T20:22	T21:14	T5:21	I21:11	T22:5	T22:5	T22:19	TX:20	TX:3:21	T6:Y:6	T5:4:17

