
Hue selectivity from recurrent circuitry in *Drosophila*

In the format provided by the
authors and unedited

Flywire ID	cell type	pre sites total (n)	pre sites identified (n)	pre sites identified (%)	neurons (n)
720575940638634960	pDm8	284	217	76.4	31
720575940638424895	yDm8	462	379	82	47
720575940639473998	Tm5a	227	152	67	21
720575940614902495	Tm5a	140	107	76.4	17
720575940627282584	Tm5b	328	225	68.6	41
720575940660846721	Tm5b	249	171	68.7	31
720575940619252603	Tm5c	240	150	62.5	30
720575940627314521	Tm5c	280	227	81.1	27 (26)
720575940635252890	Tm20	274	239	87.2	24 (22)
720575940628559366	Tm20	270	217	80.4	27
	Total	2754	2084	75.7	296 (293)

Table 1. Quantification of presynaptic sites to seed Dm8 and Tm cells. (col.1-2) FlyWire segment id and cell type. (col. 3) Total number of presynaptic connections from all presynaptic neurons. (col. 4) Identified presynaptic sites from cells forming >2 synapses with the seed neurons. (col.5) Percentage of identified presynaptic sites vs total presynaptic sites. (col. 6) Total number of presynaptic neurons forming >2 synapses for each seed neuron. Numbers shown inside () reflect the number of neurons identified to a cell class or a cell type. When omitted all neurons have been identified to a cell class or type.

Flywire ID	cell type	post sites total (n)	post sites identified (n)	post sites identified (%)	neurons (n)
720575940638634960	pDm8	487	286	58.8	28 (26)
720575940638424895	yDm8	750	375	50	64 (63)
720575940639473998	Tm5a	496	144	29	16 (15)
720575940614902495	Tm5a	386	154	39.9	19 (15)
720575940627282584	Tm5b	563	156	27.7	18 (15)
720575940660846721	Tm5b	542	158	29.2	21 (19)
720575940619252603	Tm5c	908	256	27.9	29 (25)
720575940627314521	Tm5c	812	218	25.4	22 (18)
720575940635252890	Tm20	620	236	38.1	31 (24)
720575940628559366	Tm20	598	172	28.8	26 (23)
	Total	6162	2155	35	274 (243)

Table 2. Quantification of postsynaptic sites to seed Dm8 and Tm cells. (col.1-2) FlyWire segment id and cell type. (col. 3) Total number of postsynaptic connections from all postsynaptic neurons. (col. 4) Identified postsynaptic sites from cells forming >4 synapses with the seed neurons. (col.5) Percentage of identified postsynaptic sites vs total postsynaptic sites. (col. 6) Total number of postsynaptic neurons forming >4 synapses for each seed neuron. Numbers shown inside () reflect the number of neurons identified to a cell class or a cell type.

Flywire ID	cell type	pre sites (n)
720575940632586297	pR7	39
720575940615537314	pR7	4
720575940612694165	yR7	15
720575940641088640	yR7	11
720575940628300090	yR7	4
720575940631563515	pR7	2
720575940624675079	pR7	2
720575940618504395	Mi1	4
720575940623904136	Mi3	6
720575940628189457	Dm	3
720575940622692265	Dm2	3
720575940614131119	Dm5	5

720575940630969303	Dm	14
720575940612167537	yDm8	3
720575940655698849	Dm9	3
720575940648106116	Dm	8
720575940622466036	CB0566	7
720575940615181479	Sm19	18
720575940633387181	Sm19	3
720575940641982709	Sm20	7
720575940615314834	Sm20	7
720575940605990590	Sm19	7
720575940613095282	Sm20	6
720575940618262050	Sm21	3
720575940622540894	Sm21	4
720575940622315647	Sm20	3
720575940627733777	Sm20	6
720575940633138771	Sm20	5
720575940617838225	Sm26	12
720575940614418227	Sm26	7

Table 3. Quantification of pDm8 (720575940638634960) inputs.

Flywire ID	cell type	pre sites (n)
720575940636715998	yR7	35
720575940628506897	yR7	15
720575940660740481	yR7	15
720575940637440613	yR7	8
720575940636942447	yR7	6
720575940641088640	yR7	3
720575940621704942	yR7	3
720575940632586297	pR7	15
720575940623014689	pR7	10
720575940621705198	pR7	4
720575940615537314	pR7	3
720575940631563515	pR7	3
720575940618562594	pR7	3
720575940613737330	pR7	13
720575940614131119	Dm5	18
720575940630896379	Dm5	9
720575940630969303	Dm	5
720575940637975741	Mi3	4
720575940648106116	Dm2	10
720575940655698849	Dm9	4
720575940621192431	Dm5	3
720575940639473998	Tm5a	3
720575940623904136	Mi3	8
720575940627112344	Mi10	7
720575940615782978	Mi10	3
720575940622466036	CB0566	21

720575940628838474	CB0171	8
720575940626457893	aME17b	7
720575940621186219	aMe17b	5
720575940625414477	aMe17b	4
720575940615181479	Sm19	20
720575940633602017	Sm13	4
720575940633387181	Sm19	6
720575940641982709	Sm20	12
720575940615314834	Sm20	10
720575940628760561	Sm19	9
720575940605990590	Sm19	5
720575940624488445	Sm20	6
720575940613095282	Sm20	10
720575940634295010	Sm21	3
720575940622315647	Sm20	4
720575940625259704	Sm20	4
720575940627733777	Sm20	7
720575940633138771	Sm20	7
720575940617838225	Sm26	8
720575940614418227	Sm26	9

Table 4. Quantification of yDm8 (720575940638424895) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940636715998	yR7	29	0
720575940623904136	Mi3	17	0
720575940620683456	Mi4	14	0
720575940638424895	yDm8	13	0
720575940622664455	Tm5a_like	9	0
720575940614087087	yDm8	7	0
720575940614902495	Tm5a	7	0
720575940611231608	Li19	0	6
720575940621687649	LT58	0	5
720575940622762677	Tm	5	0
720575940623747818	Tm5c	5	0
720575940626457893	aMe17b	4	0
720575940627946056	TmY5a	4	0
720575940632492625	L3	4	0
720575940618141268	Tm24	0	4
720575940627314521	Tm5c	4	0
720575940629248771	Tm	3	0
720575940616587677	TmY	3	0
720575940646093166	L3	3	0
720575940632734924	Tm5b	3	0
720575940610787118	TmY20	0	3

Table 5. Quantification of Tm5a (720575940639473998) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
------------	-----------	------------------	------------------

720575940636942447	yR7	24	0
720575940614087087	yDm8	26	0
720575940619053873	Li19	0	7
720575940623040470	Dm	6	0
720575940626457893	aMe17b	6	0
720575940618913158	Y3	4	0
720575940620474315	Tm	4	0
720575940637975741	Mi3	3	0
720575940618200038	LC20	0	3
720575940636163832	aMe17b	3	0
720575940623904136	Mi3	3	0
720575940614686259	Sm31	3	0
720575940627406650	Tm	3	0
720575940633589677	Tm	3	0
720575940627946056	TmY5a	3	0
720575940616394694	CB0566	3	0
720575940616587677	TmY	3	0

Table 6. Quantification of Tm5a (720575940614902495) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940632586297	pR7	20	0
720575940624675079	pR7	4	0
720575940622269424	pR8	2	0
720575940625356011	yR8	2	0
720575940638634960	pDm8	16	0
720575940623113962	Y3	10	1
720575940623904136	Mi3	11	0
720575940618913158	Y3	4	4
720575940624951027	pDm8	8	0
720575940621453921	Pm2	8	0
720575940635247711	Tm	7	0
720575940639450165	TmY5b	7	0
720575940634254562	Pm2	7	0
720575940632473391	TmY5b	6	0
720575940619305374	TmY5b	6	0
720575940622757895	Mi4	6	0
720575940627314521	Tm5c	6	0
720575940619252603	Tm5c	5	0
720575940622508156	Dm	5	0
720575940660846721	Tm5b	5	0
720575940626924675	TmY5a	5	0
720575940632763975	Sm26	5	0
720575940633602017	Sm13	5	0
720575940636163832	aMe17b	4	0
720575940622560636	Sm26	4	0
720575940615657538	Mi3	4	0
720575940648130436	Dm	4	0

720575940626012208	Mi10	4	0
720575940626457893	aMe17b	4	0
720575940614620010	Y3	2	1
720575940616578594	Y3	3	0
720575940611157458	TmY5b	3	0
720575940614902495	Tm5a	0	3
720575940635684715	Sm26	3	0
720575940623672856	Mi4	3	0
720575940637755701	Mi4	3	0
720575940621771248	Dm3	3	0
720575940617838225	Sm26	3	0
720575940629822619	Sm40	3	0
720575940636604271	Pm2	3	0
720575940610378104	Y3	2	1

Table 7. Quantification of Tm5b (720575940627282584) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940632586297	pR7	19	0
720575940625479916	yR8	6	0
720575940634575329	pR8	1	0
720575940624951027	pDm8	19	0
720575940605362912	Mi4	11	0
720575940618913158	Y3	9	1
720575940619252603	Tm5c	9	0
720575940623904136	Mi3	8	0
720575940614620010	Y3	5	1
720575940627282584	Tm5b	5	0
720575940627946056	TmY5a	5	0
720575940615011490	Mi3	5	0
720575940614087087	yDm8	5	0
720575940626637002	mALC2	0	5
720575940616587677	TmY	4	0
720575940604973536	T2	0	4
720575940616578594	Y3	0	4
720575940626968146	Li19	0	4
720575940646658083	TmY5b	4	0
720575940630163959	Mi1	4	0
720575940632763975	Sm26	3	0
720575940629465499	TmY5a	3	0
720575940622485786	Tm	0	3
720575940629822619	Sm40	3	0
720575940619323806	Mi4	3	0
720575940635539374	Mi9	3	0
720575940627406650	Tm	3	0
720575940626331184	Li12	0	3
720575940626634789	Li	0	3
720575940623353284	Sm13	3	0

720575940618431798 Y3 0 3

Table 8. Quantification of Tm5b (720575940660846721) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940622269424	pR8	6	0
720575940615537314	pR7	5	0
720575940625356011	yR8	4	0
720575940634575329	pR8	4	0
720575940625479916	yR8	4	0
720575940618886228	yR8	3	0
720575940632586297	pR7	2	0
720575940621307483	aMe17a	19	0
720575940655090849	L3	10	0
720575940615325090	aMe4	10	0
720575940636455031	L3	9	0
720575940614575527	L3	8	0
720575940613737874	MTe50	6	0
720575940631627595	cM08b	5	0
720575940625062891	Li13	0	5
720575940611040046	L3	5	0
720575940609770691	Mi4	4	0
720575940627282584	Tm5b	4	0
720575940636501093	Tm16	4	0
720575940615143934	CB0471	3	0
720575940645690734	TmY10	3	0
720575940627110147	Li19	0	3
720575940613428246	LoP	0	3
720575940626012208	Mi10	3	0
720575940626175242	Tm16	3	0
720575940625278652	aMe4	3	0
720575940620200021	Tm5b	0	3
720575940614131119	Dm	3	0
720575940612877363	Tm25	3	0
720575940660846721	Tm5b	3	0

Table 9. Quantification of Tm5c (720575940619252603) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940625479916	yR8	22	0
720575940618886228	yR8	21	0
720575940636942447	yR7	2	0
720575940621307483	aMe17a	26	0
720575940632492625	L3	20	0
720575940636455031	L3	14	0
720575940625278652	aMe4	13	0
720575940655090849	L3	11	0
720575940613789411	L3	10	0
720575940618535425	aMe4	10	0

720575940614087087	yDm8	9	0
720575940620474571	Mi	8	0
720575940631424197	Tm16	0	7
720575940631009531	TmY10	6	0
720575940621453165	CB0816	5	0
720575940626084666	TmY9	0	5
720575940660477313	Tm	5	0
720575940626270000	MTe50	4	0
720575940614788519	Tm	4	0
720575940618438941	aMe4	4	0
720575940610028995	CB0816	3	0
720575940640940496	L5	3	0
720575940616121503	Lt56	0	3
720575940638571583	Mi1	3	0
720575940616335118	unknown	3	0
720575940632868177	CB0816	3	0
720575940626350794	Tm	3	0

Table 10. Quantification of Tm5c (720575940627314521) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
720575940622269424	pR8	32	0
720575940632586297	pR7	3	0
720575940655090849	L3	51	0
720575940622757895	Mi4	38	0
720575940625657221	Tm1	16	0
720575940630796918	L2	15	0
720575940614620010	Y3	6	3
720575940632868177	CB0816	9	0
720575940623113962	Y3	7	0
720575940607136130	Dm3	6	0
720575940626637002	mALC2	0	6
720575940631893132	unknown	5	0
720575940646691363	ML1	4	0
720575940605835906	unknown	4	0
720575940621886068	Sm31	4	0
720575940632002616	C3	4	0
720575940628559366	Tm20	4	0
720575940630281516	TmY5a	4	0
720575940631354572	T2 cell	3	0
720575940618504395	Mi1	3	0
720575940640940496	L5	3	0
720575940655546017	LC6	0	3
720575940630394306	Sm31	3	0
720575940631191926	Li12	0	3

Table 11. Quantification of Tm20 (720575940635252890) inputs.

Flywire ID	cell type	pre sites Me (n)	pre sites Lo (n)
------------	-----------	------------------	------------------

720575940618886228	yR8	30	0
720575940636715998	yR7	1	0
720575940632492625	L3	36	0
720575940620683456	Mi4	34	0
720575940623664422	L2	14	0
720575940632988205	C3	12	0
720575940612464114	Tm1	9	0
720575940614620010	Y3	5	2
720575940632167481	Tm20	4	3
720575940631191926	Li12	0	6
720575940622743209	CB0816	5	0
720575940630837551	ML1	5	0
720575940638571583	Mi1	4	0
720575940640228669	Sm31	4	0
720575940641642715	Me4	4	0
720575940635456430	Sm22	4	0
720575940625547452	Sm22	4	0
720575940635369663	Sm22	4	0
720575940623974122	Sm22	3	0
720575940630125562	LT34	0	3
720575940646691363	ML1	3	0
720575940618712093	Li12	0	3
720575940624556295	T2a	3	0
720575940621881328	T2a	3	0
720575940623394765	T1	3	0
720575940623747818	Tm5c	0	3
720575940636274551	Tm20	3	0

Table 12. Quantification of Tm20 (720575940628559366) inputs.

Flywire ID	cell type	post sites (n)
720575940627282584	Tm5b	34
720575940625193064	Dm9	23
720575940617259835	Dm5	21
720575940622692265	Dm2	18
720575940655698849	Dm9	14
720575940620346048	TmY	14
720575940630969303	Dm4	11
720575940660477313	Tm5b_like	11
720575940640326717	Tm	10
720575940634164124	Dm5	9
720575940612649625	Dm2	9
720575940615520827	TmY	9
720575940626924675	TmY	8
720575940619121472	MC66	8
720575940614418227	Sm26	8
720575940614131119	Dm7	7
720575940614788519	Tm5c	7

720575940626977768	MC66	7
720575940617838225	Sm26	7
720575940646634275	Tm5a_like	6
720575940635081567	MTe02	6
720575940641698523	aMe12	6
720575940628428821	Dm4	5
720575940622757895	Mi4	5
720575940630688256	TmY	5
720575940630652124	MLt2	5
N/A	unknown	7
N/A	unknown	6

Table 13. Quantification of pDm8 (720575940638634960) outputs.

Flywire ID	cell type	post sites (n)
720575940625193064	Dm9	22
720575940639473998	Tm5a	22
720575940621192431	Dm5	21
720575940635624696	Dm4	21
720575940640334208	Tm5b	21
720575940655698849	Dm9	16
720575940610288452	TmY	16
720575940627733777	Sm20	14
720575940622664455	Tm5a_like	12
720575940617707494	Sm20	12
720575940631460423	MTe02	12
720575940631776975	Dm5	10
720575940622762677	Tm	10
720575940609837717	Sm20	10
720575940633718623	Tm5a	8
720575940623904136	Mi3	8
720575940623406605	CB0156	8
720575940631345751	MC61	8
720575940613095282	Sm20	8
720575940586278879	unknown	8
720575940647395636	MLt6	7
720575940635081567	MTe02	7
720575940612387251	MLt6	7
720575940632547129	Sm19	7
720575940628838474	CB0171	6
720575940625292839	Sm19	6
720575940631458575	Sm19	6
720575940616130975	TmY	6
720575940644657608	MeMe_e09	6
720575940629626455	Tm	6
720575940621025262	aMe9	6
720575940660477313	Tm5b_like	6
720575940620398040	Tm5b	6

720575940612047858	Tm5c	5
720575940634164124	Dm5	5
720575940635648191	Sm41	5
720575940623071256	Mi15	5

Table 14. Quantification of yDm8 (720575940638424895) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940626637002	mALC2	0	25
720575940617134779	unknown	0	18
720575940616109930	LC10c	0	16
720575940615579498	Li1	0	12
720575940615249730	LC10c	0	11
720575940618141268	Tm24	0	8
720575940626577490	LC26	0	7
720575940623406605	CB0156	7	0
720575940628991682	LC24	0	5
720575940609078997	LT87	0	5
720575940608617564	LPLC2	0	5
720575940629048108	Tm24	0	5
720575940627946056	Tm5Y	0	5
720575940640334208	Tm	5	0
720575940615045630	Li1	0	5
720575940640228669	Sm31	5	0

Table 15. Quantification of Tm5a (720575940639473998) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940626637002	mALC2	0	16
720575940610786862	unknown	0	14
720575940618200038	LC20	0	13
720575940624919079	LC37	0	10
720575940623406605	CB0156	9	0
720575940623757543	LC26	0	9
720575940615522666	unknown	0	9
720575940628296527	Tm5b	8	0
720575940639473998	Tm5a	7	0
720575940633968538	LC10c	0	7
720575940631148428	Li2	0	7
720575940620478032	unknown	0	7
720575940626350794	Tm	6	0
720575940630642495	Sm19	6	0
720575940588309383	unknown	0	6
720575940630589655	TmY	0	5
720575940621886068	Sm31	5	0
720575940618141268	Tm24	0	5
720575940596370762	unknown	0	5

Table 16. Quantification of Tm5a (720575940614902495) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940625550823	Sm40	22	0
720575940638458173	LC6	0	20
720575940655546017	LC6	0	19
720575940620200021	Tm5b	8	5
720575940623904136	Mi3	9	0
720575940628838474	CB0171	8	0
720575940614344429	Sm40	7	0
720575940631148428	Li2	0	6
720575940626264201	unknown	6	0
720575940612227441	LC6	0	6
720575940643962903	Tm5b	4	1
720575940622540894	Sm21	5	0
720575940626012208	Mi10	5	0
720575940660846721	Tm5b	5	0
720575940634254562	Pm4	5	0
720575940593785522	unknown	5	0
720575940591584450	unknown	0	5
720575940639893301	Sm40	5	0

Table 17. Quantification of Tm5b (720575940627282584) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940638458173	LC6	0	17
720575940628838474	CB0171	11	0
720575940620200021	Tm5b	12	0
720575940655546017	LC6	0	9
720575940617678553	Li2	0	9
720575940620283608	Li3	0	9
720575940614344429	Sm40	8	0
720575940609770691	Mi4	8	0
720575940621301857	Li3	0	7
720575940626012208	Mi10	7	0
720575940619252718	LC17	0	7
720575940639893301	Sm40	7	0
720575940502731931	unknown	0	6
720575940608610652	LC17	0	6
720575940615790146	unknown	0	5
720575940627282584	Tm5b	5	0
720575940636206558	LC13	0	5
720575940640370048	LC10b	0	5
720575940631148428	Li2	0	5
720575940628495622	Li3	0	5
720575940628662377	Mi10	5	0

Table 18. Quantification of Tm5b (720575940660846721) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940623777577	Tm	23	0

720575940639893301	Sm40	22	0
720575940616951586	Mi15	16	0
720575940624832008	Dm	16	0
720575940633457107	Mi15	13	0
720575940634254562	Pm2	12	0
720575940621453921	Pm2	11	0
720575940644124832	Mi	10	0
720575940620200021	Tm5b	10	0
720575940612927385	Dm12	10	0
720575940660846721	Tm5b	9	0
720575940622692265	Dm	8	0
720575940640427904	unknown	8	0
720575940612877363	Tm	6	1
720575940626350794	Tm	2	5
720575940599503195	unknown	7	0
720575940621386849	Tm	6	0
720575940621804353	Dm20	6	0
720575940633891042	unknown	6	0
720575940627551631	Tm	6	0
720575940557718029	unknown	6	0
720575940630649911	Y4	1	5
720575940644125600	Mi2	6	0
720575940631448121	Tm	5	0
720575940628898890	Mi15	5	0
720575940631148428	Li2	0	5
720575940623013325	T2a	5	0
720575940627282584	Tm5b	5	0

Table 19. Quantification of Tm5c (720575940619252603) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940623877560	Tm	28	5
720575940626350794	Tm	20	1
720575940639893301	Sm40	17	0
720575940614788519	Tm	15	0
720575940621339886	Mi15	14	0
720575940625234020	Mi15	14	0
720575940634254562	Pm2	12	0
720575940624832008	Dm2	8	0
720575940630559299	Dm2	8	0
720575940622725341	Dm2	8	0
720575940660846721	Tm5b	2	5
720575940628898890	Mi15	7	0
720575940641897101	unknown	6	0
720575940630054647	Dm	6	0
720575940627807492	Mi4	6	0
720575940627282584	Tm5b	6	0
720575940633891042	unknown	5	0

720575940626997770	unknown	5	0
720575940622561356	Mi15	5	0
720575940626766224	unknown	5	0
720575940632877004	aMe5	5	0
720575940639795133	mALC1	0	5

Table 20. Quantification of Tm5c (720575940627314521) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940621535809	LC16	0	17
720575940622664455	Tm5a_like	16	0
720575940617914693	LC16	0	14
720575940626924675	Tm5a_like	14	0
720575940611711461	LC10a	0	12
720575940615045630	Li1	0	10
720575940610786862	unknown	0	9
720575940628991682	LC24	0	8
720575940605835906	unknown	8	0
720575940615249730	LC10c	0	7
720575940613083609	unknown	7	0
720575940631007183	Tm	7	0
720575940627946056	Tm5Ya	0	7
720575940627978152	LC10c	0	7
720575940632002616	C3	6	0
720575940649953913	LC22	0	6
720575940638733621	unknown	6	0
720575940612530905	unknown	6	0
720575940626605657	unknown	6	0
720575940635658420	Tm	6	0
720575940621886068	Sm31	6	0
720575940629110019	Li3	0	6
720575940628898665	Tm	5	0
720575940630281516	Tm5Y	5	0
720575940638655972	MTe08	5	0
720575940637952846	LC16	0	5
720575940637308528	Mi9	5	0
720575940623051725	Tm	5	0
720575940613503510	Sm22	5	0
720575940631893132	unknown	5	0
720575940626163837	MC62	5	0

Table 21. Quantification of Tm20 (720575940635252890) outputs.

Flywire ID	cell type	post sites Me (n)	post sites Lo (n)
720575940632039213	Tm5Ya	15	0
720575940610786862	unknown	0	11
720575940628898665	Tm	10	0
720575940626163837	MC62	9	0
720575940611711461	LC10a	0	9

720575940615045630	Li1	0	9
720575940611896434	MI9	8	0
720575940639841870	Tm	8	0
720575940619726507	LC24	0	8
720575940628296527	Tm	7	0
720575940609666499	Tm	7	0
720575940621535809	LC16	0	7
720575940625701769	LC16	0	6
720575940632145720	Tm13Y	6	0
720575940622664455	Tm5a_like	6	0
720575940623393048	TmY	6	0
720575940637952846	LC16	0	5
720575940626248325	Sm22	5	0
720575940606410439	unknown	0	5
720575940602874055	unknown	5	0
720575940628494535	LC28b	0	5
720575940626378128	MTe03	5	0
720575940615249730	LC10c	0	5
720575940627946056	Tm5Ya	5	0

Table 22. Quantification of Tm20 (720575940628559366) outputs.

Figure	Genotype	Genotype ID
Figure 1		
Figure 1g	w+; Rh4-Gal4/+; 20xUAS-GCaMP6f/+;	518
	w+; Rh3-Gal4/+; 20xUAS-GCaMP6f/+;	517
	w+; 20xUAS-GCaMP6f/+; Rh6-Gal4/+;	529
	w+; Rh5-Gal4/+; 20xUAS-GCaMP6f/+;	519
	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/+; ET24gdVP16.AD/+;	1191
	w+; 27E03-p65.AD/+; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	1428
	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/+; 20xUAS-GCaMP6f/+;	952
	w+; R41E03-p65.AD/20xUAS-GCaMP6f; R81G11-Gal4.DBD/+;	1929
Figure 2		
Figure 2a, i-k	w+; Rh4-Gal4/+; 20xUAS-GCaMP6f/+;	518
Figure 2b, i-k	w+; Rh3-Gal4/+; 20xUAS-GCaMP6f/+;	517
Figure 2c, i-k	w+; 20xUAS-GCaMP6f/+; Rh6-Gal4/+;	529
Figure 2d, i-k	w+; Rh5-Gal4/+; 20xUAS-GCaMP6f/+;	519
Figure 2e, i-k	w+; 27E03-p65.AD/+; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	1428
Figure 2f, i-k	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/+; ET24gdVP16.AD/+;	1191
Figure 2g, i-k	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/+; 20xUAS-GCaMP6f/+;	952
Figure 2h, i-k	w+; R41E03-p65.AD/20xUAS-GCaMP6f; R81G11-Gal4.DBD/+;	1929
Figure 4		
Figure 4l	w+; 27E03-p65.AD/UAS-TeTxLC.tnt; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	2368
Figure 4m	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/UAS-TeTxLC.tnt; ET24gdVP16.AD/+;	2293
Figure 4n	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/UAS-TeTxLC.tnt; 20xUAS-GCaMP6f/+;	2547
Figure 4o	w+; OrtC1a-Gal4.DBD, touVP16.AD/UAS-TeTxLC.tnt; 20xUAS-GCaMP6f/+;	2511

Figure S1		
Figure S1a, j, s	w+; Rh4-Gal4/+; 20xUAS-GCaMP6f/+;	518
Figure S1b, k, t	w+; Rh3-Gal4/+; 20xUAS-GCaMP6f/+;	517
Figure S1c, l, u	w+; 20xUAS-GCaMP6f/+; Rh6-Gal4/+;	529
Figure S1d, m, v	w+; Rh5-Gal4/+; 20xUAS-GCaMP6f/+;	519
Figure S1e, n, w	w+; 27E03-p65.AD/+; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	1428
Figure S1f, o, x	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/+; ET24gdVP16.AD/+;	1191
Figure S1g, p, y	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/+; 20xUAS-GCaMP6f/+;	952
Figure S1h, q, z	w+; R41E03-p65.AD/20xUAS-GCaMP6f; R81G11-Gal4.DBD/+;	1929
Figure S2		
Figure S2a	w+; Rh3-Gal4/+; 20xUAS-GCaMP6f/+;	517
Figure S2b	w+; Rh4-Gal4/+; 20xUAS-GCaMP6f/+;	518
Figure S3		
Figure S3d, h	w+; 27E03-p65.AD/+; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	1191
Figure S3e, i	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/+; ET24gdVP16.AD/+;	1428
Figure S3f, j	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/+; 20xUAS-GCaMP6f/+;	952
Figure S3g, k	w+; R41E03-p65.AD/20xUAS-GCaMP6f; R81G11-Gal4.DBD/+;	1929
Figure S6		
Figure S6a, c, e, g-i, k, l	w+; 20XUAS-GCamp6f/+; OrtC2b-Gal4,DIPy-Gal80/+;	830
Figure S6b, d, f, g-i, j, m	w+; OrtC1-3-Vp16.AD/20xUAS-GCaMP6f; DIPy-Gal4.DBD/+;	777
Figure S7		
Figure S7n	w+; 27E03-p65.AD/UAS-TeTxLC.tnt; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/+;	2368
Figure S7o	w+; OrtC1a-Gal4.DBD, 20XUAS-GCaMP6f/UAS-TeTxLC.tnt; ET24gdVP16.AD/+;	2293
Figure S7p	w+; OrtC1a-Gal4.DBD,OK371-Vp16.AD/UAS-TeTxLC.tnt; 20xUAS-GCaMP6f/+;	2547
Figure S7q	w+; OrtC1a-Gal4.DBD, VP16.AD.tou-9A30/UAS-TeTxLC.tnt; 20xUAS-GCaMP6f/+;	2511
Figure S9		
Figure S9a, b	R57C10-FLPG5.PEST/y-w-; 27E03-p65.AD/+; 94H07-Gal4.DBD, 20xUAS-GCaMP6f/ 10xUAS(FRT.stop)myr::smGdP-HA, 10xUAS(FRT.stop)myr::smGdP-V5- THS-10xUAS(FRT.stop)myr::smGdP-FLAG	N/A

Table 23. Genotypes used in each figure