

Supplementary Data: Statistical Results

Figure	Measure	Analysis	Effect / Comparison	Test details	P value	Significance		
1B	Left : Body weight	Two-way RM ANOVA	Interaction	F (8, 584) = 14.86	<0.0001	***		
			Time	F (8, 584) = 54.05	<0.0001	***		
			CUMS	F (1, 73) = 547.2	<0.0001	***		
		Šidák's multiple comparisons test Ctrl vs. CUMS	Baseline	t (657) = 0.3409	>0.9999	ns		
			1wk	t (657) = 2.577	0.0879	ns		
			2wk	t (657) = 6.574	<0.0001	***		
			3wk	t (657) = 8.424	<0.0001	***		
			4wk	t (657) = 8.967	<0.0001	***		
			5wk	t (657) = 9.475	<0.0001	***		
			6wk	t (657) = 10.12	<0.0001	***		
			7wk	t (657) = 11.92	<0.0001	***		
			8wk	t (657) = 10.65	<0.0001	***		
		Right : Body weight - Week 8		Unpaired t test	Ctrl vs. CUMS	t (73) = 9.723	<0.0001	***
		1C	Left : OFT - center time	Two-way RM ANOVA	Interaction	F (1, 73) = 0.7518	0.3887	ns
					CUMS	F (1, 73) = 2.120	0.1497	ns
					Time	F (1, 73) = 5.730	0.0192	*
Šidák's multiple comparisons test Baseline vs. 8 wks	Ctrl			t (73) = 0.9349	0.5813	ns		
	CUMS			t (73) = 2.824	0.0122	*		
Right : OFT - total distance	Two-way RM ANOVA		Interaction	F (1, 73) = 0.6368	0.4275	ns		
			CUMS	F (1, 73) = 1.850	0.1779	ns		
			Time	F (1, 73) = 1.615	0.2079	ns		
	1D		Left : SPT - Sucrose preference	Two-way RM ANOVA	Interaction	F (8, 584) = 7.751	<0.0001	***
					Time	F (8, 584) = 7.894	<0.0001	***
CUMS		F (1, 73) = 71.87			<0.0001	***		
Šidák's multiple comparisons test Ctrl vs. CUMS		Baseline		t (657) = 0.4321	>0.9999	ns		
		1wk		t (657) = 0.1726	>0.9999	ns		
		2wk		t (657) = 0.7006	0.9974	ns		
		3wk		t (657) = 1.926	0.3964	ns		
		4wk		t (657) = 3.138	0.0159	*		
		5wk		t (657) = 5.594	<0.0001	***		
		6wk		t (657) = 6.705	<0.0001	***		
7wk		t (657) = 5.809	<0.0001	***				
8wk		t (657) = 5.357	<0.0001	***				
Right : SPT - Sucrose preference - Week8 SPT - Total fluid intake - Week8		Unpaired t test	Ctrl vs. CUMS	t (73) = 4.056	<0.0001	***		
				t (73) = 0.4406	0.6608	ns		
1E		Left : EPM - Open arm time	Unpaired t test	Ctrl vs. CUMS	t (73) = 0.8807	0.0003	***	
		Right : EPM - Open arm entries			t (73) = 7.629	<0.0001	***	
1F		Left : FST - Immobility time	Unpaired t test	Ctrl vs. CUMS	t (73) = 4.656	<0.0001	***	
		Right : EPM - Immobility latency			t (73) = 4.656	0.0007	***	
1H		SPT - ROC	Area under the ROC curve		Area = 0.7712	<0.0001	***	
		EPM - ROC			Area = 0.7976	<0.0001	***	
	FST - ROC			Area = 0.7580	0.0003	**		
1M	Left : NSF - Latency to feed	One-way ANOVA		F (2, 42) = 21.25	<0.0001	***		
		Šidák's multiple comparisons test	Dep vs. Ctrl	t (42) = 5.908	<0.0001	***		
			Dep vs. noDep	t (42) = 5.326	<0.0001	***		
	Right : NSF - Food consumption		One-way ANOVA		F (2, 42) = 0.4235	0.6575	ns	
	2F	mRNA fold change	Stk3 One-way ANOVA		F (2, 21) = 1.929	0.1702	ns	
Lats1 One-way ANOVA				F (2, 21) = 28.09	<0.0001	***		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 1.794	0.4278	ns		
			Ctrl vs. Dep	t (21) = 9.944	<0.0001	***		
			noDep vs. Dep	t (21) = 8.150	<0.0001	***		
Lats2 One-way ANOVA				F (2, 21) = 39.03	<0.0001	***		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 2.925	0.1209	ns		
			Ctrl vs. Dep	t (21) = 9.058	<0.0001	***		
			noDep vs. Dep	t (21) = 11.98	<0.0001	***		
Yap1 One-way ANOVA				F (2, 21) = 36.66	<0.0001	***		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 9.112	<0.0001	***		
			Ctrl vs. Dep	t (21) = 2.351	0.2428	ns		
			noDep vs. Dep	t (21) = 11.46	<0.0001	***		
Wwtr1 One-way ANOVA				F (2, 21) = 6.808	0.0053	**		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 4.567	0.0107	*		
			Ctrl vs. Dep	t (21) = 0.09777	0.9974	ns		
			noDep vs. Dep	t (21) = 4.469	0.0126	*		
Sav1 One-way ANOVA				F (2, 21) = 7.305	0.0039	**		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 1.339	0.6176	ns		
			Ctrl vs. Dep	t (21) = 3.866	0.0320	*		
			noDep vs. Dep	t (21) = 5.205	0.0038	**		
Mob1a One-way ANOVA				F (2, 21) = 0.4649	0.6345	ns		
Amot One-way ANOVA				F (2, 21) = 0.9534	0.4015	ns		
Ywhah One-way ANOVA				F (2, 21) = 29.30	<0.0001	***		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 0.5494	0.9205	ns		
			Ctrl vs. Dep	t (21) = 9.639	<0.0001	***		
			noDep vs. Dep	t (21) = 9.089	<0.0001	***		
Tead1 One-way ANOVA				F (2, 21) = 20.08	<0.0001	***		
Tukey's multiple comparisons test			Ctrl vs. noDep	t (21) = 8.58	<0.0001	***		
			Ctrl vs. Dep	t (21) = 2.049	0.3351	ns		
			noDep vs. Dep	t (21) = 6.532	<0.0001	***		
3B	Left : Lats1 - mRNA fold change	Unpaired t test	0 wk	t (20) = 0.4019	0.9700	ns		
			1 wk	t (20) = 1.063	0.6454	ns		
			4 wk	t (20) = 4.512	<0.0001	***		
		Right : Lats1 - mRNA fold change - 8 wk	One-way ANOVA		F (2, 20) = 31.90	<0.0001	***	
	Tukey's multiple comparisons test		Ctrl vs. noDep	t (20) = 3.711	0.0413	*		
			Ctrl vs. Dep	t (20) = 11	<0.0001	***		
		noDep vs. Dep	t (20) = 7.55	<0.0001	***			
3C	Left : YAP - mRNA fold change	Unpaired t test	0 wk	t (20) = 0.0216	>0.9999	ns		
			1 wk	t (20) = 1.528	0.3449	ns		
			4 wk	t (20) = 3.178	0.0069	**		
		Right : YAP - mRNA fold change - 8 wk	One-way ANOVA		F (2, 20) = 26.68	<0.0001	***	
	Tukey's multiple comparisons test		Ctrl vs. noDep	t (20) = 9.726	<0.0001	***		
			Ctrl vs. Dep	t (20) = 2.241	0.2752	ns		
		noDep vs. Dep	t (20) = 7.748	<0.0001	***			
3D	Left : 14-3-3h - mRNA fold change	Unpaired t test	0 wk	t (20) = 0.273	0.9902	ns		

		Ctrl vs. CUMS	1 wk	t (20) = 0.6287	0.8974	ns
			4 wk	t (20) = 1.516	0.3519	ns
<i>Right</i> : 14-3-3h - mRNA fold change - 8 wk		One-way ANOVA		F (2, 20) = 46.17	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (20) = 1.277	0.6447	ns
			Ctrl vs. Dep	t (20) = 10.76	<0.0001	***
			noDep vs. Dep	t (20) = 12.46	<0.0001	***
3E <i>Left</i> : TEAD1 - mRNA fold change		Unpaired t test	0 wk	t (20) = 1.299	0.4852	ns
		Ctrl vs. CUMS	1 wk	t (20) = 1.15	0.5858	ns
			4 wk	t (20) = 1.074	0.6375	ns
<i>Right</i> : TEAD1 - mRNA fold change - 8 wk		One-way ANOVA		F (2, 20) = 23.96	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (20) = 6.747	<0.0001	***
			Ctrl vs. Dep	t (20) = 2.288	0.0963	ns
			noDep vs. Dep	t (20) = 4.616	<0.0001	***
3F pYAP/YAP protein fold change		One-way ANOVA		F (2, 20) = 12.53	0.0003	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (20) = 0.9564	0.7798	ns
			Ctrl vs. Dep	t (20) = 5.425	0.0028	**
			noDep vs. Dep	t (20) = 6.605	0.0004	**
3G cYAP/GAPDH protein fold change		One-way ANOVA		F (2, 15) = 27.26	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 10.24	<0.0001	***
			Ctrl vs. Dep	t (15) = 3.365	0.0751	ns
			noDep vs. Dep	t (15) = 6.878	0.0006	**
		One-way ANOVA		F (2, 15) = 34.34	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 7.745	0.0002	**
			Ctrl vs. Dep	t (15) = 3.744	0.0455	*
			noDep vs. Dep	t (15) = 11.49	<0.0001	***
		One-way ANOVA		F (2, 15) = 14.44	0.0003	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 3.757	0.0547	ns
4B Synapse density			Ctrl vs. Dep	t (15) = 7.599	0.0002	**
			noDep vs. Dep	t (15) = 3.843	0.0398	*
		One-way ANOVA		F (2, 67) = 16.24	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 3.727	0.0278	*
			Ctrl vs. Dep	t (67) = 8.06	<0.0001	***
			noDep vs. Dep	t (67) = 4.434	0.0071	**
		One-way ANOVA		F (2, 67) = 8.847	0.0004	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 1.632	0.4847	ns
			Ctrl vs. Dep	t (67) = 4.343	0.0085	**
			noDep vs. Dep	t (67) = 5.792	<0.0001	***
PSD length						
		One-way ANOVA		F (2, 67) = 4.157	0.0199	*
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 0.8266	0.8289	ns
			Ctrl vs. Dep	t (67) = 3.174	0.0711	ns
			noDep vs. Dep	t (67) = 3.891	0.0206	*
		One-way ANOVA		F (2, 67) = 4.350	0.0167	*
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 1.166	0.6891	ns
			Ctrl vs. Dep	t (67) = 3.03	0.0890	ns
			noDep vs. Dep	t (67) = 4.067	0.0147	*
		One-way ANOVA		F (2, 67) = 10.81	<0.0001	***
4D Mito. Density		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 0.6884	0.8778	ns
			Ctrl vs. Dep	t (67) = 6.131	<0.0001	***
			noDep vs. Dep	t (67) = 5.379	<0.0001	***
		One-way ANOVA		F (2, 67) = 2.923	0.0465	*
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 0.7644	0.8516	ns
			Ctrl vs. Dep	t (67) = 3.26	0.0619	ns
			noDep vs. Dep	t (67) = 2.488	0.1912	ns
		One-way ANOVA		F (2, 67) = 10.33	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 1.751	0.4351	ns
			Ctrl vs. Dep	t (67) = 6.303	<0.0001	***
Synapse with mito.			noDep vs. Dep	t (67) = 4.554	0.0055	**
		One-way ANOVA		F (2, 67) = 1.030	0.3625	ns
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 0.7837	0.8447	ns
			Ctrl vs. Dep	t (67) = 2.024	0.3309	ns
			noDep vs. Dep	t (67) = 1.255	0.6499	ns
		One-way ANOVA		F (2, 67) = 6.533	0.0026	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (67) = 1.227	0.6626	ns
			Ctrl vs. Dep	t (67) = 4.975	0.0022	**
			noDep vs. Dep	t (67) = 3.74	0.0271	*
4E ATP production		One-way ANOVA		F (2, 21) = 23.16	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.3225	0.9718	ns
			Ctrl vs. Dep	t (21) = 8.492	<0.0001	***
			noDep vs. Dep	t (21) = 8.169	<0.0001	***
		One-way ANOVA		F (2, 21) = 15.84	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 3.048	0.1028	ns
			Ctrl vs. Dep	t (21) = 4.844	0.0069	**
			noDep vs. Dep	t (21) = 7.892	<0.0001	***
		One-way ANOVA		F (2, 21) = 8.087	0.0025	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.948	0.3705	ns
ETC activity			Ctrl vs. Dep	t (21) = 5.602	0.0020	**
			noDep vs. Dep	t (21) = 3.654	0.0439	*
		One-way ANOVA		F (2, 21) = 14.46	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.9582	0.7789	ns
			Ctrl vs. Dep	t (21) = 6.054	<0.0001	***
			noDep vs. Dep	t (21) = 7.012	<0.0001	***
		One-way ANOVA		F (2, 21) = 2.588	0.0989	ns
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.523	0.5385	ns
			Ctrl vs. Dep	t (21) = 1.693	0.4677	ns
			noDep vs. Dep	t (21) = 3.216	0.0819	ns
Complex I						
		One-way ANOVA		F (2, 21) = 5.723	0.0104	*
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.9474	0.7833	ns
			Ctrl vs. Dep	t (21) = 4.535	0.0113	*
			noDep vs. Dep	t (21) = 3.588	0.0483	*
		One-way ANOVA		F (2, 15) = 0.4576	0.6414	ns
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 0.8674	0.8151	ns
			Ctrl vs. Dep	t (15) = 1.324	0.6264	ns
			noDep vs. Dep	t (15) = 2.192	0.2970	ns
		One-way ANOVA		F (2, 15) = 0.4576	0.6414	ns

4F	Cox1 mtDNA content	One-way ANOVA		F (2, 15) = 22.09	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 1.995	0.3607	ns	
			Ctrl vs. Dep	t (15) = 8.952	<0.0001	***	
			noDep vs. Dep	t (15) = 6.958	<0.0001	***	
Cyt-b mtDNA content	One-way ANOVA		F (2, 15) = 8.859	0.0029	**		
	Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 1.809	0.4277	ns		
		Ctrl vs. Dep	t (15) = 5.816	0.0025	**		
		noDep vs. Dep	t (15) = 4.007	0.0318	*		
4G	mRNA fold change	<i>PGC1-α</i> One-way ANOVA		F (2, 21) = 11.54	0.0004	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.413	0.4330	ns	
			Ctrl vs. Dep	t (21) = 4.683	0.0004	**	
			noDep vs. Dep	t (21) = 3.27	0.0109	*	
		<i>TFAM</i> One-way ANOVA		F (2, 21) = 10.90	0.0006	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.1152	0.9963	ns	
			Ctrl vs. Dep	t (21) = 5.776	0.0015	**	
			noDep vs. Dep	t (21) = 5.661	0.0018	**	
		<i>Nrf1</i> One-way ANOVA		F (2, 21) = 3.878	0.0369	*	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 2.888	0.1269	ns	
			Ctrl vs. Dep	t (21) = 3.763	0.0373	*	
			noDep vs. Dep	t (21) = 0.8759	0.8112	ns	
		<i>Mfn1</i> One-way ANOVA		F (2, 21) = 17.32	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 2.352	0.2424	ns	
			Ctrl vs. Dep	t (21) = 8.091	<0.0001	***	
			noDep vs. Dep	t (21) = 5.739	0.0016	**	
		<i>Opa1</i> One-way ANOVA		F (2, 21) = 13.84	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 3.676	0.0425	*	
			Ctrl vs. Dep	t (21) = 7.441	<0.0001	***	
			noDep vs. Dep	t (21) = 3.765	0.0372	*	
		<i>Drp1</i> One-way ANOVA		F (2, 21) = 8.123	0.0024	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.424	0.5808	ns	
			Ctrl vs. Dep	t (21) = 5.492	0.0024	**	
			noDep vs. Dep	t (21) = 4.068	0.0235	*	
		<i>Fis1</i> One-way ANOVA		F (2, 21) = 55.34	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 3.183	0.0857	ns	
			Ctrl vs. Dep	t (21) = 14.18	<0.0001	***	
			noDep vs. Dep	t (21) = 11	<0.0001	***	
		<i>PINK1</i> One-way ANOVA		F (2, 21) = 11.93	0.0003	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.813	0.4206	ns	
			Ctrl vs. Dep	t (21) = 6.68	0.0003	**	
			noDep vs. Dep	t (21) = 4.867	0.0066	**	
		<i>Bnip3</i> One-way ANOVA		F (2, 21) = 10.32	0.0008	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 3.007	0.1086	ns	
			Ctrl vs. Dep	t (21) = 3.415	0.0620	ns	
			noDep vs. Dep	t (21) = 6.421	<0.0001	***	
		<i>Bcl-2</i> One-way ANOVA		F (2, 21) = 17.63	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 2.054	0.3334	ns	
			Ctrl vs. Dep	t (21) = 6.025	0.0010	**	
			noDep vs. Dep	t (21) = 8.079	<0.0001	***	
		<i>Bax</i> One-way ANOVA		F (2, 21) = 56.20	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.3881	0.9594	ns	
			Ctrl vs. Dep	t (21) = 12.79	<0.0001	***	
			noDep vs. Dep	t (21) = 13.17	<0.0001	***	
		<i>VDAC2</i> One-way ANOVA		F (2, 21) = 9.881	0.0009	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.152	0.6981	ns	
			Ctrl vs. Dep	t (21) = 5.929	0.0011	**	
			noDep vs. Dep	t (21) = 4.776	0.0077	**	
		<i>Cyc-s</i> One-way ANOVA		F (2, 21) = 19.49	<0.0001	***	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 1.768	0.4381	ns	
			Ctrl vs. Dep	t (21) = 8.376	<0.0001	***	
			noDep vs. Dep	t (21) = 6.609	<0.0001	***	
		<i>GAPDH</i> One-way ANOVA		F (2, 21) = 0.6495	0.5325	ns	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (21) = 0.1719	0.9975	ns	
			Ctrl vs. Dep	t (21) = 0.8898	0.7658	ns	
			noDep vs. Dep	t (21) = 1.062	0.6576	ns	
4H	Protein fold change	<i>PGC-1α</i> One-way ANOVA		F (2, 16) = 13.58	0.0004	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (16) = 0.995	0.7648	ns	
			Ctrl vs. Dep	t (16) = 6.938	0.0004	**	
			noDep vs. Dep	t (16) = 5.727	0.0025	**	
		<i>Mfn1</i> One-way ANOVA		F (2, 16) = 8.451	0.0031	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (16) = 1.676	0.4786	ns	
			Ctrl vs. Dep	t (16) = 5.713	0.0026	**	
			noDep vs. Dep	t (16) = 3.89	0.0359	*	
		<i>Drp1</i> One-way ANOVA		F (2, 16) = 7.383	0.0054	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (16) = 0.8533	0.8203	ns	
			Ctrl vs. Dep	t (16) = 5.155	0.0058	**	
			noDep vs. Dep	t (16) = 4.145	0.0251	*	
		<i>VDAC2</i> One-way ANOVA		F (2, 16) = 15.49	0.0002	**	
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (16) = 1.907	0.3903	ns	
			Ctrl vs. Dep	t (16) = 5.894	0.0020	**	
			noDep vs. Dep	t (16) = 7.517	<0.0001	**	
5B	mRNA fold change	<i>YAP</i> Unpaired t test		si-NC vs. si-YAP	t (10) = 8.426	<0.0001	***
		<i>PGC-1α</i>			t (10) = 5.621	<0.0001	***
		<i>TFAM</i>			t (10) = 8.466	<0.0001	***
		<i>Mfn1</i>			t (10) = 6.817	<0.0001	***
		<i>Opa1</i>			t (10) = 7.824	<0.0001	***
		<i>Drp1</i>			t (10) = 3.98	0.0026	**
		<i>VDAC2</i>			t (10) = 3.109	0.0111	*
		<i>Cyc-s</i>			t (10) = 2.352	0.0405	*
		<i>GAPDH</i>			t (10) = 0.246	0.6685	ns
5C	Protein fold change	<i>YAP</i> Unpaired t test		si-NC vs. si-YAP	t (10) = 4.471	<0.0001	***
		<i>PGC-1α</i>			t (10) = 3.203	<0.0001	***
		<i>TFAM</i>			t (10) = 4.968	<0.0001	***
		<i>VDAC2</i>			t (10) = 2.487	0.0321	*

5D	JC1 R/G ratio	Unpaired t test	si-NC vs. si-YAP	t (18) = 5.809	<0.0001	***		
5E	ATP production	Unpaired t test	si-NC vs. si-YAP	t (14) = 6.237	<0.0001	***		
	ETC activity	Complex I Complex II Complex V		t (18) = 4.208	<0.0001	***		
				t (14) = 3.472	0.0037	**		
				t (14) = 2.563	0.0225	*		
5F	mtDNA content	CoxI Unpaired t test	si-NC vs. si-YAP	t (14) = 7.550	<0.0001	***		
		Cyt-b		t (14) = 4.874	<0.0001	***		
5I	TUNEL+ cells	Unpaired t test	NC vs. ko-YAP	t (14) = 8.940	<0.0001	***		
5J	SPT - Sucrose preference	Two-way ANOVA	Interaction	F (1, 36) = 6.529	0.0150	*		
			Stress	F (1, 36) = 4.105	0.0402	*		
			ko-YAP	F (1, 36) = 14.47	0.0005	**		
			Šidák's multiple comparisons test	No stress	NC vs. ko-YAP	t (36) = 0.8062	0.6699	ns
		Stressed		t (36) = 5.028	<0.0001	***		
	EPM - Open arm time	Two-way ANOVA	Interaction	F (1, 36) = 3.032	0.0902	ns		
			Stress	F (1, 36) = 8.195	0.0070	**		
			ko-YAP	F (1, 36) = 7.201	0.0109	*		
			Šidák's multiple comparisons test	No stress	NC vs. ko-YAP	t (36) = 0.6082	0.7947	ns
		Stressed		t (36) = 3.498	0.0025	**		
	FST - Immobility time	Two-way ANOVA	Interaction	F (1, 36) = 2.198	0.1469	ns		
			Stress	F (1, 36) = 38.83	<0.0001	***		
			ko-YAP	F (1, 36) = 6.168	0.0178	*		
			Šidák's multiple comparisons test	No stress	NC vs. ko-YAP	t (36) = 0.6461	0.7718	ns
		Stressed		t (36) = 3.136	0.0068	**		
	NSF - Feeding latency	Two-way ANOVA	Interaction	F (1, 36) = 16.12	0.0003	**		
			Stress	F (1, 36) = 11.19	0.0019	**		
			ko-YAP	F (1, 36) = 14.35	0.0006	**		
			Šidák's multiple comparisons test	No stress	NC vs. ko-YAP	t (36) = 0.1466	0.9866	ns
		Stressed		t (36) = 6.169	<0.0001	***		
6B	SPT - Sucrose preference	Unpaired t test	Scr vs. oe-YAP	t (38) = 2.042	0.0481	*		
	SPT - Total fluid intake	Unpaired t test	Scr vs. oe-YAP	t (38) = 1.211	0.2332	ns		
	EPM - Open arm time	Unpaired t test	Scr vs. oe-YAP	t (38) = 3.445	0.0014	**		
	EPM - Open arm entries	Unpaired t test	Scr vs. oe-YAP	t (38) = 2.289	0.0278	*		
	FST - Immobility time	Unpaired t test	Scr vs. oe-YAP	t (38) = 2.0474	0.0449	*		
	FST - Immobility latency	Unpaired t test	Scr vs. oe-YAP	t (38) = 7.145	<0.0001	***		
6E	NSF - Feeding latency	Two-way ANOVA	Interaction	F (1, 25) = 0.05028	0.8244	ns		
			Dep	F (1, 25) = 0.3952	0.5353	ns		
			oe-YAP	F (1, 25) = 21.18	<0.0001	***		
			Šidák's multiple comparisons test	Scr	noDep vs. Dep	t (25) = 3.693	0.0022	**
				oe-YAP		t (25) = 2.997	0.0121	*
	SPT - Sucrose preference	Two-way ANOVA	Interaction	F (1, 48) = 10.21	0.0025	**		
			Dep	F (1, 48) = 24.78	<0.0001	***		
			XMU	F (1, 48) = 1.947	0.1694	ns		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 1.384	0.3155	ns
				Dep		t (48) = 3.022	0.0080	**
7B	SPT - Total fluid intake	Two-way ANOVA	Interaction	F (1, 48) = 0.3506	0.5566	ns		
			Dep	F (1, 48) = 12.38	0.0010	**		
			XMU	F (1, 48) = 4.240	0.0451	*		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 1.144	0.4502	ns
				Dep		t (48) = 1.728	0.1731	ns
	EPM - Open arm time	Two-way ANOVA	Interaction	F (1, 48) = 12.75	0.0008	**		
			Dep	F (1, 48) = 27.04	<0.0001	***		
			XMU	F (1, 48) = 4.699	0.0352	*		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 1.079	0.4902	ns
				Dep		t (48) = 3.778	<0.0001	***
	EPM - Open arm entries	Two-way ANOVA	Interaction	F (1, 48) = 5.527	0.0229	*		
			Dep	F (1, 48) = 9.526	0.0034	**		
			XMU	F (1, 48) = 2.229	0.1420	ns		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 0.6595	0.7626	ns
				Dep		t (48) = 2.531	0.0292	*
FST - Immobility time	Two-way ANOVA	Interaction	F (1, 48) = 4.337	0.0426	*			
		Dep	F (1, 48) = 12.41	0.0009	**			
		XMU	F (1, 48) = 5.815	0.0198	*			
		Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 0.2528	0.9606	ns	
			Dep		t (48) = 2.958	<0.0001	***	
FST - Immobility latency	Two-way ANOVA	Interaction	F (1, 48) = 7.795	0.0075	**			
		Dep	F (1, 48) = 89.22	<0.0001	***			
		XMU	F (1, 48) = 0.001419	0.9701	ns			
		Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (48) = 2.117	0.0773	ns	
			Dep		t (48) = 1.863	0.1325	ns	
7D	cFos+ cells	Two-way ANOVA	Interaction	F (1, 28) = 3.356	0.0776	ns		
			Dep	F (1, 28) = 13.06	0.0012	**		
			XMU	F (1, 28) = 3.131	0.0877	ns		
		Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (28) = 0.04408	0.9998	ns	
			Dep		t (48) = 2.547	0.0331	*	
		7F	Synapse density	Two-way ANOVA	Interaction	F (1, 32) = 0.1569	0.6946	ns
Dep	F (1, 32) = 16.87				0.0003	**		
XMU	F (1, 32) = 11.55				0.0018	**		
Šidák's multiple comparisons test	noDep				DMSO vs. XMU	t (32) = 2.123	0.0815	ns
	Dep					t (32) = 2.683	0.0228	*
PSD length	Two-way ANOVA		Interaction	F (1, 32) = 2.658	0.1128	ns		
			Dep	F (1, 32) = 4.715	0.0374	*		
			XMU	F (1, 32) = 4.925	0.0337	*		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (32) = 0.4164	0.8975	ns
				Dep		t (32) = 2.722	0.0207	*
PSD thickness	Two-way ANOVA		Interaction	F (1, 32) = 2.876	0.0996	ns		
			Dep	F (1, 32) = 15.60	0.0004	**		
			XMU	F (1, 32) = 3.300	0.0786	ns		
			Šidák's multiple comparisons test	noDep	DMSO vs. XMU	t (32) = 0.08551	0.9954	ns
				Dep		t (32) = 2.484	0.0365	*
7G	Mito. density		Two-way ANOVA	Interaction	F (1, 32) = 0.7529	0.3920	ns	
		Dep		F (1, 32) = 6.198	0.0182	*		
		XMU		F (1, 32) = 8.102	0.0077	**		
		Šidák's multiple comparisons test		noDep	DMSO vs. XMU	t (32) = 1.399	0.3134	ns

			Dep	t (32) = 2.626	0.0261	*
	Mito. length	Two-way ANOVA	Interaction	F (1, 32) = 4.622	0.0392	*
			Dep	F (1, 32) = 8.295	0.0070	**
			XMU	F (1, 32) = 40.05	<0.0001	***
		Šidák's multiple comparisons test	noDep	t (32) = 2.954	0.0116	*
			Dep	t (32) = 5.995	<0.0001	***
7H	Protein fold change	<i>pLats1/Lats</i> Two-way ANOVA	Interaction	F (1, 20) = 1.071	0.3131	ns
			Dep	F (1, 20) = 35.02	<0.0001	***
			XMU	F (1, 20) = 105.1	<0.0001	***
		Šidák's multiple comparisons test	noDep	t (20) = 6.517	<0.0001	***
			Dep	t (20) = 7.98	<0.0001	***
		<i>pYAP/YAP</i> Two-way ANOVA	Interaction	F (1, 20) = 5.146	0.0345	*
			Dep	F (1, 20) = 44.55	<0.0001	***
			XMU	F (1, 20) = 81.82	<0.0001	***
		Šidák's multiple comparisons test	noDep	t (20) = 4.792	<0.0001	***
			Dep	t (20) = 8.000	<0.0001	***
7I	ATP production	Two-way ANOVA	Interaction	F (1, 20) = 2.710	0.1153	ns
			Dep	F (1, 20) = 10.78	0.0037	**
			XMU	F (1, 20) = 29.29	<0.0001	***
		Šidák's multiple comparisons test	noDep	t (20) = 2.663	0.0297	*
			Dep	t (20) = 4.991	<0.0001	***
	ETX complex I activity	Two-way ANOVA	Interaction	F (1, 20) = 0.09311	0.7634	ns
			Dep	F (1, 20) = 18.25	0.0004	**
			XMU	F (1, 20) = 11.14	0.0033	**
		Šidák's multiple comparisons test	noDep	t (20) = 2.144	0.0870	ns
			Dep	t (20) = 2.576	0.0358	*
	mtDNA content	<i>Cox1</i> Two-way ANOVA	Interaction	F (1, 20) = 2.039	0.1688	ns
			Dep	F (1, 20) = 26.98	<0.0001	***
			XMU	F (1, 20) = 26.13	<0.0001	***
		Šidák's multiple comparisons test	noDep	t (20) = 2.605	0.0336	*
			Dep	t (20) = 4.624	<0.0001	***
		<i>Cyt-b</i> Two-way ANOVA	Interaction	F (1, 20) = 2.138	0.1592	ns
			Dep	F (1, 20) = 6.132	0.0223	*
			XMU	F (1, 20) = 10.15	0.0046	**
		Šidák's multiple comparisons test	noDep	t (20) = 1.219	0.4178	ns
			Dep	t (20) = 3.287	0.0074	**
7K	SPT - Sucrose preference	One-way ANOVA		F (2, 33) = 8.424	0.0011	**
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 5.377	0.0017	**
			NC+DMSO vs. cYAP+XMU	t (33) = 4.582	0.0075	**
			cYAP+DMSO vs. cYAP+XMU	t (33) = 0.795	0.8410	ns
	SPT - Total fluid intake	One-way ANOVA		F (2, 33) = 3.236	0.0521	ns
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 0.5363	0.9240	ns
			NC+DMSO vs. cYAP+XMU	t (33) = 3.349	0.0603	ns
			cYAP+DMSO vs. cYAP+XMU	t (33) = 2.813	0.1308	ns
	EPM - Open arm time	One-way ANOVA		F (2, 33) = 4.882	0.0139	*
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 3.947	0.0230	*
			NC+DMSO vs. cYAP+XMU	t (33) = 3.695	0.0349	*
			cYAP+DMSO vs. cYAP+XMU	t (33) = 0.2519	0.9827	ns
	EPM - Open arm entries	One-way ANOVA		F (2, 33) = 7.679	0.0018	**
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 5.231	0.0022	**
			NC+DMSO vs. cYAP+XMU	t (33) = 4.218	0.0144	*
			cYAP+DMSO vs. cYAP+XMU	t (33) = 1.012	0.7559	ns
	FST - Immobility time	One-way ANOVA		F (2, 33) = 11.98	<0.0001	***
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 6.861	<0.0001	***
			NC+DMSO vs. cYAP+XMU	t (33) = 4.224	0.0142	*
			cYAP+DMSO vs. cYAP+XMU	t (33) = 2.637	0.1650	ns
	FST - Immobility latency	One-way ANOVA		F (2, 33) = 14.53	<0.0001	***
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 7.509	<0.0001	***
			NC+DMSO vs. cYAP+XMU	t (33) = 4.889	0.0042	**
			cYAP+DMSO vs. cYAP+XMU	t (33) = 2.62	0.1686	ns
7J	OFT - Total distance	One-way ANOVA		F (2, 33) = 1.016	0.3732	ns
		Tukey's multiple comparisons test	NC+DMSO vs. cYAP+DMSO	t (33) = 2.015	0.3399	ns
			NC+DMSO vs. cYAP+XMU	t (33) = 1.035	0.7466	ns
			cYAP+DMSO vs. cYAP+XMU	t (33) = 0.9806	0.7690	ns
8B	mRNA fold change	<i>14-3-3σ</i> One-way ANOVA		F (2, 14) = 1.408	0.2773	ns
		<i>14-3-3Z</i> One-way ANOVA		F (2, 14) = 7.086	0.0075	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (14) = 4.516	0.0168	*
			Ctrl vs. Dep	t (14) = 5.007	0.0086	**
			noDep vs. Dep	t (14) = 0.4011	0.9568	ns
		<i>14-3-3H</i> One-way ANOVA		F (2, 14) = 27.10	<0.0001	***
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (14) = 2.174	0.3045	ns
			Ctrl vs. Dep	t (14) = 6.663	<0.0001	***
			noDep vs. Dep	t (14) = 10.03	<0.0001	***
		<i>14-3-3E</i> One-way ANOVA		F (2, 14) = 3.737	0.0491	*
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (14) = 1.556	0.5293	ns
			Ctrl vs. Dep	t (14) = 3.744	0.0473	*
			noDep vs. Dep	t (14) = 2.412	0.2376	ns
		<i>14-3-3B</i> One-way ANOVA		F (2, 14) = 0.1335	0.8762	ns
		<i>14-3-3Q</i> One-way ANOVA		F (2, 14) = 1.611	0.2346	ns
		<i>14-3-3S</i> One-way ANOVA		F (2, 14) = 1.995	0.1729	ns
8C	Protein fold change	<i>14-3-3I</i> One-way ANOVA		F (2, 15) = 9.336	0.0023	**
		Tukey's multiple comparisons test	Ctrl vs. noDep	t (15) = 0.9986	0.7636	ns
			Ctrl vs. Dep	t (15) = 5.720	0.0029	**
			noDep vs. Dep	t (15) = 4.722	0.0117	*
8H	Total YAP intensity	Unpaired t test	DMSO vs. BV02	t (78) = 0.8813	0.3809	ns
	Nuclear YAP intensity			t (78) = 13.57	<0.0001	***
8J	Nuclear YAP protein	Unpaired t test	si-NC vs. si-14-3-3h	t (14) = 5.992	<0.0001	***
	Total YAP protein			t (14) = 2.098	0.0543	ns
8L	SPT - Sucrose preference	Two-way RM ANOVA	Interaction	F (1, 15) = 8.966	0.0091	**
			Time	F (1, 15) = 1.936	0.1844	ns
			sh-14-3-3h	F (1, 15) = 30.56	<0.0001	***
		Šidák's multiple comparisons test	NC:	Before vs. After t (15) = 1.741	0.1937	ns
			sh-14-3-3h:	Before vs. After t (15) = 6.212	<0.0001	***

EPM - Open arm time		Two-way RM ANOVA	Interaction	F (1, 15) = 1.520	0.2366	ns	
			Time	F (1, 15) = 2.386	0.1433	ns	
			sh-14-3-3h	F (1, 15) = 4.340	0.0547	ns	
		Šidák's multiple comparisons test	NC:	Before vs. After	t (15) = 0.5845	0.813	ns
			sh-14-3-3h:	Before vs. After	t (15) = 2.417	0.0569	ns
FST - Immobility time		Two-way RM ANOVA	Interaction	F (1, 15) = 8.899	0.0093	**	
			Time	F (1, 15) = 0.5015	0.4897	ns	
			sh-14-3-3h	F (1, 15) = 31.02	<0.0001	***	
		Šidák's multiple comparisons test	NC:	Before vs. After	t (15) = 1.777	0.1824	ns
			sh-14-3-3h:	Before vs. After	t (15) = 6.234	<0.0001	***
NSF - Feeding latency		Two-way RM ANOVA	Interaction	F (1, 15) = 13.25	0.0024	**	
			Time	F (1, 15) = 4.402	0.0432	*	
			sh-14-3-3h	F (1, 15) = 1.528	0.2355	ns	
		Šidák's multiple comparisons test	NC:	Before vs. After	t (15) = 1.652	0.2243	ns
			sh-14-3-3h:	Before vs. After	t (15) = 3.554	0.0058	**
8M	OFT - Total distance	Two-way RM ANOVA	Interaction	F (1, 15) = 1.290	0.2739	ns	
			Time	F (1, 15) = 0.01574	0.9018	ns	
			sh-14-3-3h	F (1, 15) = 2.552	0.1310	ns	
8N	mRNA fold change	<i>PGC-1α</i> Unpaired t test	NC vs. sh-14-3-3h	t (14) = 5.616	<0.0001	***	
				t (14) = 3.327	0.0050	**	
				t (14) = 2.738	0.0160	*	
				t (14) = 1.060	0.3071	ns	
				t (14) = 3.145	0.0072	**	
				t (14) = 6.471	<0.0001	***	
8O	ATP production	Unpaired t test	NC vs. sh-14-3-3h	t (14) = 2.555	0.0229		
				t (14) = 3.423	0.0041		
	ETC activity			<i>Complex I</i>	t (14) = 4.707	0.0003	
				<i>Complex II</i>	t (14) = 6.458	<0.0001	
				<i>Complex III</i>	t (14) = 2.163	0.0483	
				<i>Complex V</i>	t (14) = 1.227	0.2402	
	CS activity				t (14) = 2.865	0.0125	
	mtDNA content			<i>CoxI</i>	t (14) = 5.706	<0.0001	
				<i>Cyt-b</i>			