

Group	Liver function			
	ALT(u/L)	AST(u/L)	Congestion	Necrosis
Sham	45.00	74.00	1	1
Sham	49.00	81.00	1	1
Sham	51.00	68.00	0	0
Sham	53.00	80.00	1	0
Sham	69.00	95.00	1	0
Sham	40.00	63.00	0	1
OLT	707.00	953.00	4	4
OLT	834.00	1,120.00	4	4
OLT	615.00	828.00	2	3
OLT	639.00	909.00	3	4
OLT	574.00	766.00	4	3
OLT	509.00	722.00	3	3
RIC	412.00	606.00	2	2
RIC	370.00	524.00	1	1
RIC	306.00	554.00	1	0
RIC	466.00	772.00	2	1
RIC	391.00	435.00	2	1
RIC	522.00	818.00	1	0

Group	mRNA level (in rat models)			
	Mfn2	Mcu	Micu-1	Micu-2
Sham	1.000598	1.000162	1.001795	1.40391
Sham	0.9415372	1.289324	1.071911	1.670275
Sham	0.7852917	1.181484	1.249599	1.576363
Sham	0.6760307	1.929014	1.749107	1.906671
Sham	0.8658195	1.174481	1.184581	1.378596
Sham	0.8840528	1.11813	1.055478	1.889603
Sham	0.7383701	1.530508	1.395272	1.931515
Sham	0.7287741	0.9368621	0.995115	1.679397
Sham	0.58086	1.637251	1.353633	2.098768
Sham	0.6119903	0.7148433	1.224015	1.354934
Sham	0.7516537	1.10582	1.190035	1.837988
Sham	0.8921528	1.345973	1.387716	1.769022
OLT	1.001009	0.5603464	0.6721475	1.053359
OLT	1.209233	0.7558845	0.6637988	1.515523
OLT	1.622299	0.8025883	0.784651	1.529393
OLT	1.213799	1.113587	0.9195264	1.455481
OLT	1.153831	1.042501	1.056517	1.642933
OLT	1.580643	0.7949734	1.053138	1.563564
OLT	1.039179	0.7131417	1.053458	1.698193
OLT	1.139857	0.8530462	0.97783	1.713724

OLT	1.365471	0.8449472	1.047343	1.488559
OLT	1.108765	0.8363553	0.9047588	1.455003
OLT	1.209915	0.6221415	1.002945	1.400427
OLT	0.9789672	0.413796	0.9759818	1.493678
RIC	1.001269	1.53738	1.316184	1.907799
RIC	1.10855	0.8049086	0.9555117	1.602191
RIC	1.10495	1.215913	1.232823	1.819771
RIC	1.338514	1.094683	1.217878	1.737034
RIC	1.15298	0.7777957	1.117859	1.689654
RIC	1.269617	1.292559	1.509916	1.976526
RIC	1.165846	0.4927213	0.9140746	1.425563
RIC	0.736916	0.6989429	1.055273	1.590217
RIC	0.8071117	0.6703998	1.068902	1.688031
RIC	1.000542	1.02812	1.280894	1.698067
RIC	0.8760646	1.253447	1.428887	1.962363
RIC	0.8804634	0.5080444	0.8948526	1.346923

mRNA level (in cell models)

Group	Mcu	Micu-1	Micu-2
NC	1.00126	1.004202	1.004418
NC	1.03576	1.058374	1.062483
NC	1.038823	1.171546	0.9986222
Hypoxia	1.013382	0.06682914	0.04662609
Hypoxia	1.003062	0.05043496	0.04981509
Hypoxia	1.000054	0.004325725	0.04196326
Hypoxia+si	1.017105	0.9229534	0.6993374
Hypoxia+si	0.9131826	0.8587471	0.6177375
Hypoxia+si	0.918129	0.4461322	0.4763007

Group	JC-1-FCM (Ratio of green to red)	Apoptosis-FCM (Ratio of early + late)
NC	0.1091848	17.39
NC	0.1564456	17
NC	0.07410618	16.8
Hypoxia	0.6059028	32.4
Hypoxia	0.4164306	28.11
Hypoxia	0.4133333	29.78
Hypoxia+si	0.245283	21.08
Hypoxia+si	0.2518797	25.23
Hypoxia+si	0.110961	24.61

Ca2+ concentrations (Fold of NC)

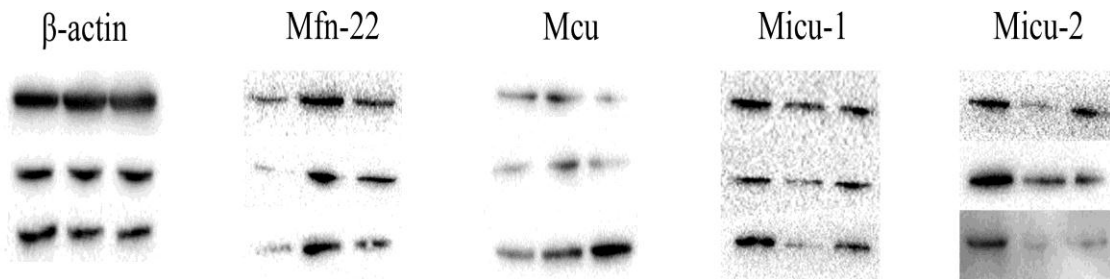
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Hypoxia	Hypoxia+si	Hypoxia	Hypoxia+si
1.490567216	1.591049678	0.3977122	0.7607217
1.399771189	1.391553318	0.3869717	0.8228711
1.539273385	1.414632432	0.389614	0.8540186
1.774239124	1.551863189	0.3580846	0.8824866
1.838985749	1.543207314	0.3711695	0.8594006
1.908555363	1.74123414	0.3661104	0.8743277
1.949251732	1.677461228	0.3447022	0.8576354
1.940710524	1.703159956	0.3469781	0.8234547
1.780828488	1.628259529	0.3356808	0.8640667
1.873131925	1.530024205	0.3078476	0.7344024
1.816479058	1.533023036	0.2883761	0.7330084
1.729109975	1.623006044	0.3109313	0.7450675
1.607547068	1.579348167	0.2916871	0.705305
1.596103648	1.496295304	0.297631	0.7202947
1.487541851	1.544658235	0.2964304	0.6785525
1.41591519	1.432303374	0.2746095	0.7141073
1.409925527	1.302136544	0.2739631	0.7336162
1.398258016	1.298091943	0.2859077	0.7568411
1.369398753	1.366635771	0.2990527	0.7343655
1.437885593	1.379938691	0.2531142	0.7238975
1.440693269	1.443668315	0.2887528	0.6572905
1.62465889	1.474017796	0.2747285	0.7174242
1.63609329	1.389440347	0.2528367	0.7009806
1.673592603	1.47650886	0.26442	0.6992356
1.652033373	1.405621525	0.257141	0.6683907
1.714008375	1.448018809	0.2272066	0.7160773
1.640753151	1.320510212	0.2656293	0.6641805
1.602133378	1.413146985	0.2401884	0.6949395
1.51022521	1.390983869	0.2381033	0.6577592
1.555241843	1.444033365	0.2349712	0.6804411
1.630454667	1.535685049	0.2152323	0.6566876
1.620815243	1.43270372	0.2240418	0.6884273
1.725652635	1.533844594	0.2099397	0.6305132
1.679210575	1.531222805	0.2171751	0.676221
1.624133678	1.467259928	0.2208812	0.6417338
1.76922081	1.452418589	0.2038676	0.6795256
1.808738377	1.52781088	0.2253052	0.6450228
1.732628035	1.425373624	0.2350453	0.6440994
1.778438072	1.574405788	0.2280769	0.7253358
1.88605187	1.528187647	0.2058222	0.6614855

1.740131241	1.427255911	0.1977748	0.6622245
1.842230085	1.424007528	0.2126259	0.6515247
1.787358936	1.429956398	0.1811635	0.679287
1.871795235	1.430504325	0.200468	0.6515386
1.824024334	1.498329332	0.1811164	0.6203179
1.914899596	1.433900904	0.1563261	0.6591268
1.797170757	1.394572665	0.1893114	0.6229627
1.915712933	1.416855781	0.1710802	0.6330491
1.829799377	1.512764435	0.1419642	0.6914624
1.767619737	1.417753885	0.1436202	0.6056166
1.684337296	1.439415271	0.1474153	0.6301727
1.823288263	1.499295738	0.1477899	0.6404799
1.753411035	1.444814166	0.09972554	0.6536673
1.877414204	1.415404782	0.1532062	0.6093339
1.722456301	1.411178598	0.1324974	0.6352392
1.799167489	1.390872699	0.1159662	0.6216674
1.75922549	1.340920433	0.07369597	0.5197636
1.896963867	1.509095281	0.1279761	0.6153463
1.786763551	1.410962722	0.1180465	0.6211869
1.699471764	1.394737812	0.08646727	0.6099237
1.902038037	1.483944744	0.1049142	0.6533476
1.885918143	1.537327982	0.09765643	0.6295479
1.823887504	1.501088151	0.06344564	0.6134764
1.633094058	1.438031917	0.08778893	0.6469656
1.680916101	1.319250109	0.08321993	0.6447542
1.714971806	1.467797003	0.03971935	0.6572807
1.828162471	1.552698009	0.07866377	0.6136481
1.755545867	1.438214721	0.0527248	0.6004474
1.883740376	1.40191531	0.01254493	0.5801357
1.675318416	1.413849275	0.03906523	0.649615
1.737685609	1.430237988	0.07743848	0.6160678
1.711074582	1.336513243	0.06219483	0.5599431
1.798039934	1.260517674	0.060302	0.5935603
1.841253108	1.365598962	0.00490279	0.6112547
1.820428241	1.366986883	0.000268609	0.5703223

WB (in rat models)



WB (in cell models)

