Supplementary Table 1: Estimated Parameters Values for the Sinusoidal Curve Asin(Bt+C)+mean for Individual Probe Sets Mined for Circadian Oscillations in Expression

Probe set ID	Mean	A	B	C
1367850_at	1.05223	-0.635	0.261	-7.829
1370510_a_at	1.04551	-0.822	0.259	-8.129
1398246_s_at	1.18976	-0.724	0.26	-7.793
1378745_at	1.42316	-1.274	0.265	-4.852
1390430_at	1.20192	-0.984	0.265	-4.736
1373542_at	0.9774	-0.309	0.265	-7.998
1367771_at	0.94425	-0.438	0.262	-6.331
1370541_at	1.31286	-1.073	0.267	-4.869
1368303_at	0.99448	-0.841	0.264	-5.938
1383439_at	1.05091	-1.063	0.258	-8.62
1393730_at	0.96453	-0.527	0.27	-8.404
1392640_at	1.0874	-0.655	0.255	-7.039
1373114_at	1.08016	-0.571	0.262	-8.768
1392579_at	1.04434	-0.437	0.262	-7.54
1377635_at	1.04532	-0.568	0.265	-5.783
1398877_at	1.03279	-0.266	0.257	-7.208
1390819_at	1.09304	-0.566	0.266	-5.316
1383518_at	0.99252	-0.414	0.263	-8.505
1378156_at	1.02711	-0.433	0.267	-5.996
1398365_at	1.0729	-0.43	0.258	-6.795
1370445_at	1.00351	-0.173	0.262	-6.283
1369919_at	1.03053	-0.76	0.264	-4.332
1388002_at	1.00018	0.416	0.26	-6.078
1381469_a_at	1.01618	-0.272	0.259	-3.621
1388898_at	0.98988	-0.411	0.261	-7.273
1398370_at	1.0214	-0.368	0.265	-5.777
1368486_at	1.04896	-0.388	0.259	-7.57
1382266_at	1.16805	-0.565	0.265	-5.193
1382031_at	1.16793	-0.827	0.266	-5.79
1368571_at	1.05103	-0.388	0.266	-8.549
1371832_at	0.9998	-0.281	0.259	-7.73
1393917_at	1.0273	-0.54	0.26	-6.165
1382192_at	1.02074	-0.412	0.263	-6.092
1370816_at	1.69352	-2.082	0.269	-4.269
1387874_at	1.6992	-1.757	0.271	-5.063
1374681_at	0.97447	-0.39	0.266	-8.802
1370912_at	0.96294	-0.698	0.266	-6.783
1370991_at	1.05929	-0.766	0.26	-6.11
1373708_at	1.09612	-0.509	0.256	-6.68
1395629_at	1.07616	-0.566	0.26	-8.881

Supplementary Table 1: Estimated Parameters Values for the Sinusoidal Curve Asin(Bt+C)+mean for Individual Probe Sets Mined for Circadian Oscillations in Expression

Probe set ID	Mean	A	B	C
1370570_at	0.99115	0.366	0.256	-6.127
1371913_at	1.00896	-0.31	0.258	-5.615
1391208_at	0.96044	-0.445	0.259	-5.458
1368488_at	1.16014	-0.754	0.258	-7.57
1393696_at	1.04659	-0.291	0.262	-7.016
1368304_at	1.0274	-0.416	0.261	-5.587
1370266_at	1.07763	0.44	0.26	-6.066
1376071_at	1.00697	-0.269	0.272	-8.685
1389456_at	0.9924	-0.248	0.266	-8.483
1393075_at	0.93575	-0.516	0.262	-7.258
1385973_at	1.31634	-1.742	0.267	-5.828
1398255_at	0.99539	-0.324	0.262	-5.051
1388901_at	1.10115	-0.576	0.265	-5.823
1398597_at	1.02881	0.535	0.265	-12.287
1385585_at	0.95737	-0.412	0.258	-5.715
1368177_at	0.98212	-0.352	0.265	-6.908
1383263_at	0.97478	0.29	0.268	-6.688
1370209_at	1.07424	-0.383	0.262	-4.911
1373718_at	1.06798	-0.336	0.26	-8.293
1371505_at	1.04004	-0.183	0.261	-7.242
1371583_at	1.04961	-0.256	0.26	-4.875
1380611_at	1.16407	-0.754	0.265	-6.011
1388525_at	0.9999	-0.34	0.259	-4.92
1372390_at	1.09522	-0.485	0.27	-4.591
1376858_at	1.07823	-0.333	0.261	-7.088
1370954_at	1.04357	-0.368	0.258	-6.852
1388064_a_at	1.01883	0.332	0.262	-6.423
1384106_at	1.00068	-0.184	0.264	-5.917
1389844_at	1.00091	-0.267	0.257	-6.918
1380306_at	0.99794	-0.607	0.26	-5.487
1371367_at	1.03775	-0.256	0.26	-6.928
1398662_at	1.08225	-0.364	0.255	-6.959
1390628_at	1.04797	-0.371	0.267	-8.204
1396417_at	0.98065	-0.25	0.259	-6.396
1392927_at	1.0464	-0.257	0.257	-5.988
1392149_at	1.19505	-0.669	0.268	-4.867
1368882_at	1.04199	-0.331	0.259	-8.944
1380598_at	1.07036	-0.231	0.255	-7.071
1391187_at	1.02054	-0.585	0.266	-5.431
1387631_at	0.98767	-0.287	0.264	-8.15

Supplementary Table 1: Estimated Parameters Values for the Sinusoidal Curve Asin(Bt+C)+mean for Individual Probe Sets Mined for Circadian Oscillations in Expression

Probe set ID	Mean	A	B	C
1397766_at	1.0062	-0.267	0.272	-5.599
1388949_at	1.00741	-0.231	0.262	-5.161
1394824_at	1.04398	-0.354	0.261	-6.754
1384209_at	0.95798	-0.391	0.267	-5.355
1368189_at	1.05848	-0.413	0.252	-8.354
1368200_at	1.01318	-0.38	0.261	-8.185
1372091_at	1.05924	-0.45	0.261	-7.333
1384110_at	1.01726	-0.393	0.262	-5.671
1395859_at	1.00919	-0.349	0.267	-6.234
1376440_at	1.01862	-0.186	0.258	-6.002
1368249_at	0.98404	-0.388	0.266	-5.253
1376465_at	1.01258	0.191	0.253	-8.24
1373158_at	1.1756	-0.52	0.266	-5.168
1374706_at	0.98895	-0.136	0.255	-6.097
1398434_at	0.93521	-0.24	0.259	-6.432
1376177_at	0.99288	-0.265	0.262	-5.452
1375908_at	1.04631	-0.392	0.271	-8.849
1379051_at	0.9883	-0.329	0.264	-6.139
1398819_at	1.03607	-0.318	0.261	-6.788
1377982_at	0.95347	-0.361	0.266	-8.756
1370963_at	1.04483	-0.322	0.264	-6.646
1395377_at	1.00659	0.235	0.259	-6.647
1392557_at	0.98268	-0.344	0.265	-5.815
1381157_at	0.96005	-0.236	0.254	-5.77
1382732_at	0.97269	-0.406	0.266	-6.13
1389020_at	1.02018	-0.315	0.248	-6.244
1368862_at	1.00063	-0.217	0.257	-6.327
1382118_at	1.06549	-0.492	0.264	-4.032
1385229_at	0.96668	-0.373	0.258	-5.056
1372491_at	0.99425	-0.172	0.253	-6.344
1376947_at	1.02754	-0.241	0.266	-6.316
1393610_at	1.03663	-0.218	0.266	-4.227
1385374_at	1.01984	-0.326	0.261	-5.543
1395663_at	1.01307	-0.233	0.271	-8.507
1374855_at	1.6325	-1.586	0.274	-5.301
1381528_at	0.99163	-0.201	0.252	-6.489
1374531_at	1.04828	-0.346	0.268	-5.915
1374307_at	0.99413	-0.241	0.254	-5.94
1383004_at	0.97005	0.283	0.256	-6.084
1378038_at	1.06179	0.25	0.257	-6.427

Supplementary Table 1: Estimated Parameters Values for the Sinusoidal Curve Asin(Bt+C)+mean for Individual Probe Sets Mined for Circadian Oscillations in Expression

Probe set ID	Mean	A	B	C
1375209_at	1.05799	-0.207	0.269	-5.153
1381409_at	1.04718	-0.353	0.273	-8.586
1389199_at	1.04121	-0.315	0.259	-7.645
1392510_at	1.05296	-0.307	0.259	-5.467
1385904_at	1.01718	-0.298	0.263	-3.978
1377608_a_at	0.99119	-0.15	0.259	-6.794
1379477_at	1.00437	-0.343	0.262	-6.172
1389911_at	1.10474	-0.358	0.271	-4.835
1367568_a_at	1.00403	-0.315	0.254	-6.116
1388674_at	1.00673	-0.271	0.266	-7.724
1371864_at	1.06572	-0.374	0.263	-5.144
1379971_at	1.02905	-0.244	0.262	-4.05
1383610_at	1.02034	-0.299	0.262	-5.671
1392996_at	1.05473	-0.396	0.27	-4.909
1373093_at	1.06974	-0.38	0.265	-5.45
1379467_at	0.9975	-0.478	0.272	-6.009
1386641_at	0.98566	-0.451	0.262	-5.76
1367857_at	1.00194	-0.224	0.26	-7.495
1373960_at	1.09109	-0.345	0.268	-4.966
1381840_at	0.99561	0.264	0.256	-6.501
1391577_at	1.00172	-0.1	0.259	-7.086
1393647_at	0.99717	0.117	0.256	-8.54
1397409_s_at	0.9525	-0.385	0.269	-6.052
1373566_at	0.99195	-0.202	0.26	-6.898
1379369_at	1.03285	-0.265	0.258	-6.116
1368852_at	1.07713	-0.307	0.261	-6.999
1370540_at	1.13376	-0.876	0.267	-4.619
1385382_at	1.10625	-0.7	0.263	-9.017
1386832_a_at	1.01213	-0.308	0.261	-9.273
1386097_at	0.98884	-0.269	0.26	-3.808
1383533_at	1.02577	0.13	0.269	-7.869
1389284_at	1.08446	-0.522	0.273	-8.813
1374036_at	0.97687	-0.22	0.258	-5.99
1386566_at	0.97553	-0.195	0.252	-9.232
1388945_at	1.04156	-0.21	0.264	-5.85
1368681_at	0.97782	-0.495	0.261	-6.051
1372086_at	0.99493	-0.295	0.269	-7.968
1372426_at	0.99596	-0.267	0.252	-5.867
1379716_at	1.12279	-0.676	0.258	-6.138
1391553_at	1.09565	0.318	0.252	-6.134

Supplementary Table 1: Estimated Parameters Values for the Sinusoidal Curve Asin(Bt+C)+mean for Individual Probe Sets Mined for Circadian Oscillations in Expression

Probe set ID	Mean	A	B	C
1370847_at	1.08249	-0.479	0.273	-8.733
1384386_at	1.03432	-0.4	0.264	-3.368
1369433_at	0.87794	-0.302	0.265	-4.214
1391808_at	1.03517	-0.233	0.267	-8.143
1392344_at	1.03717	-0.183	0.265	-4.471
1368527_at	1.07347	-0.505	0.268	-5.559
1373399_at	1.00788	-0.24	0.268	-9.317
1397251_at	1.0099	0.212	0.26	-6.525
1375692_at	1.00898	0.102	0.264	-8.501
1378105_at	0.98863	-0.182	0.259	-5.466
1386833_at	1.00047	-0.265	0.259	-9.029
1398635_at	1.12246	-0.379	0.271	-5.461
1385149_at	1.01192	-0.224	0.252	-6.372
1373816_at	0.99407	-0.126	0.261	-6.686
1393568_at	0.99349	0.149	0.258	-11.309
1373239_at	1.06366	-0.287	0.266	-4.172
1375760_at	0.98482	-0.264	0.259	-5.099
1370283_at	1.00278	-0.167	0.256	-7.232
1373403_at	1.03119	-0.275	0.254	-5.902
1396053_at	0.98887	0.22	0.257	-11.259
1372590_at	1.04354	-0.237	0.261	-4.16
1377772_at	0.99616	-0.393	0.267	-4.611
1397225_at	1.03662	-0.51	0.259	-5.483
1371090_at	0.96785	-0.283	0.249	-8.82
1373139_at	0.97924	-0.196	0.27	-5.753
1373950_at	1.01793	-0.2	0.26	-5.768
1375355_at	0.98721	-0.396	0.256	-3.349
1390828_at	0.95103	-0.316	0.259	-5.32
1378043_at	1.51691	-1.412	0.253	-2.697
1390010_at	0.99451	-0.141	0.26	-5.856

Supplementary Table 2: Functional Categorizations of Probe Sets Showing Circadian Oscillations in Expression in Adipose Tissue

Probe ID	Cluster	Accession No.	Symbol	Gene Name	Gene Function
Transcription, Post-transcription and Translation Regulation					
1370510_a_at	1	AB012600	*Arntl, Bmal1*	Aryl hydrocarbon receptor nuclear translocator-like	Circadian rhythm, E-box element binding
1393568_at	1	BF404793	*Cugbp1*	CUG triplet repeat, RNA binding protein 1	pre-mRNA alternative splicing, mRNA editing, & translation
1368488_at	1	NM_053727	*Nfil3*	Nuclear factor, interleukin 3 regulated	Transcription regulation, D box element binding
1371832_at	1	AW526333	*Leo1*	Leo1, Paf1/RNA polymerase II complex component, homolog	PAF protein complex, associates with RNA polymerase II
1390628_at	1	AI010275	*Cpeb2*	Cytoplasmic polyadenylation element binding protein 2	Regulates translation of target RNA
1383439_at	2	BI278550	*Npas2*	Neuronal PAS domain protein 2	Circadian rhythm, E-box element binding
1386833_at	2	BF554138	*Bcl6b**	B-cell CLL/lymphoma 6 member B	Sequence-specific transcriptional repressor associated with BCL6
1386832_a_at	3	BF554138	*Bcl6b**	B-cell CLL/lymphoma 6 member B	Sequence-specific transcriptional repressor associated with BCL6
1378038_at	3	BF393884	*Ptbp2*	Polypyrimidine tract binding protein 2	Regulation of Pre-mRNA splicing and translation
1370209_at	4	BE101336	*Bteb1, Klf 9**	Basic transcription element binding protein 1	Progesterone & thyroid hormone transcriptional signaling
1370816_at	4	M25804	*Nr1d1*	Nuclear receptor subfamily 1, group D, member 1	Circadian rhythm, Steroid hormone receptor
1370540_at	4	U15660	*Nr1d2**	Nuclear receptor subfamily 1, group D, member 2	Circadian rhythm, Steroid hormone receptor
1390430_at	4	BF284190	*Nr1d2**	Nuclear receptor subfamily 1, group D, member 2	Circadian rhythm, Steroid hormone receptor
1370541_at	4	U20796	*Nr1d2**	Nuclear receptor subfamily 1, group D, member 2	Circadian rhythm, Steroid hormone receptor
1378745_at	4	BG374483	*Per3*	Period homolog 3	Circadian rhythm, regulation of clock controlled genes
1369919_at	4	NM_019194	*TEF*	Thyrotroph embryonic factor	Binds to and transactivates the TSHB promoter
1383533_at	4	AI715743	*Rcor3*	REST corepressor 3	Transcription repression
1385904_at	4	BG153342	*Cirbp*	Cold inducible RNA binding protein	Functions as an RNA chaperone under cold stress
1392996_at	4	BG668435	*Cpeb1*	Cytoplasmic polyadenylation element binding protein 1	Translational activation of dormant RNAs
1392149_at	4	AA997766	*EIF4*	Eukaryotic translation initiation factor 4B	Component of EIF4F complex - translation
1371583_at	4	AI598399	*Rbm3*	RNA binding motif (RNP1, RRM) protein 3	Functions as RNA chaperone
1371864_at	5	AW524563	*Bteb1, Klf 9**	basic transcription element binding protein 1	Progesterone & thyroid hormone transcriptional signaling
1390819_at	5	BF419374	*Tef**	Thyrotroph embryonic factor	Binds to and transactivates the TSHB promoter
1385374_at	5	AA997236	*Tef**	Thyrotroph embryonic factor	Binds to and transactivates the TSHB promoter
1387874_at	5	AI230048	*Dbp*	D site albumin promoter binding protein	Modulates the expression of clock ouptput genes
1393647_at	5	BI285581	*Hat1*	Histone aminotransferase 1	Type B histone acetyltransferases
1368249_at	5	NM_053536	*Klf15*	Kruppel-like factor 15	Regulates cell proliferation, differentiation, & development
1390010_at	5	AI454081	*Ncoa1*	Nuclear receptor coactivator 1	Coactivation of nuclear receptors
1374855_at	5	BI279017	*Per1*	period homolog 1	Circadian rhythm, regulation of clock controlled genes
1368303_at	5	NM_031678	*Per2*	period homolog 2	Circadian rhythm, regulation of clock controlled genes
1373950_at	5	AI598911	*Zfp496*	Zinc finger protein 496	Transcription regulation
1386641_at	5	BF546770	*Hlf**	Hepatic leukemia factor	Regulates clock controlled genes through D-box element
1385585_at	5	AI111674	*Hlf**	Hepatic leukemia factor	Regulates clock controlled genes through D-box element
1380306_at	5	AW435415	*Zbtb16*	Zinc finger and BTB domain containing 16	Zinc finger transcription factor - cell cycle progression
1398370_at	5	AW522471	*Adarb1*	Adenosine deaminase, RNA-specific, B1	pre-mRNA editing, site-specific deamination of adenosines
1392557_at	5	BF389151	*Bicc1*	Bicaudal C homolog 1	RNA-binding protein, cell differentiation
1383610_at	5	BF386078	*Eya2*	Eyes absent 2 homolog	Transcription activator, regulation of DNA repair process
1370991_at	6	AF187814	*Cml3*	Camello-like 3	N-acetyltransferase regulating cell adhesion
1367771_at	6	NM_031345	*Dsipi, Gilz*	Delta sleep inducing peptide, immunoreacto	Negative regulator of adipogenesis
1385149_at	6	AI502063	*Mettl3*	Methyltransferase-like 3	Posttranscriptional methylation of internal adenosines
1379369_at	6	AI171526	*Prickle1*	Prickle-like 1	Nuclear receptor for transcription factors
1381157_at	6	BF396928	*Bnc 2*	Basonuclin 2	Nuclear processing of mRNA
1392640_at	7	AI412155	*Cry1*	Cryptochrome 1	Regulator of the circadian feedback loop
1371505_at	7	BG381750	*Hnrpc*	Heterogeneous nuclear ribonucleoprotein C	Nuclear RNP; mRNA processing, metabolism & transport
1377608_a_at	7	BM392298	*Tardbp**	TAR DNA binding protein	Regulation of transcription and mRNA splicing
1371367_at	7	BE107459	*Tardbp **	TAR DNA binding protein	Regulation of transcription and mRNA splicing
1373708_at	7	BG378168	*Tut1*	Terminal uridylyl transferase 1	Terminal uridylyltransferase & poly(A) polymerase; cell proliferation
1373566_at	7	AI103026	*Irf2bp2**	Interferon regulatory factor 2 binding protein 2	Interacts with transcriptional repression domain of IRF1
1380598_at	7	AI101569	*Irf2bp2**	Interferon regulatory factor 2 binding protein 2	Interacts with transcriptional repression domain of IRF2

Supplementary Table 2: Functional Categorizations of Probe Sets Showing Circadian Oscillations in Expression in Adipose Tissue

Probe ID	Cluster	Accession No.	Symbol	Gene Name	Gene Function
Signal Transduction					
1377982_at	1	AW915930	*Dtx4**	Deltex 4 homolog	Regulator of Notch signaling
1368486_at	1	NM_032074	*Irs 3*	Insulin receptor substrate 3	Insulin signal transduction
1396053_at	1	BF555968	*Nedd9*	Neural precursor cell expressed, developmentally down-regulated gene 9	Tyrosine-kinase-based signaling related to cell adhesion
1373542_at	1	BM386306	*Sphk2*	Sphingosine kinase 2	Phosphorylation of sphingosine to sphingosine-1-phosphate
1374681_at	1	AW914967	*Adcyap1r1*	Adenylate cyclase activating polypeptide 1 receptor 1	Mediates biological actions of ADCYAP1
1391808_at	1	AI535140	*Arrdc4*	Arrestin domain containing 4	Inhibition of glucose uptake
1373114_at	2	AI408442	*Dtx4**	Deltex 4 homolog	Regulator of Notch signaling
1373399_at	2	BI291997	*Wdr6*	WD repeat domain 6	Insulin/IGF-1 signaling
1370570_at	3	AF016296	*Nrp1*	Neuropilin 1	Membrane bound co-receptor for VEGF & semaphorin
1383263_at	3	BG664221	*Ogn*	Osteoglycin	Regulates type I collagen fibrillogenesis
1381469_a_at	3	AW526967	*Perq1*	PERQ amino acid rich, with GYF domain 1	Regulates tyrosine kinase receptor signaling
1384386_at	3	BF287084	*Rasa2*	RAS p21 protein activator 2	Suppressor of RAS function
1388002_at	3	AF084205	*Taok1*	TAO kinase 1	Phosphorylates MKK3 & activates p38 MAP kinase pathway
1386566_at	3	BF558962	*Ppp2r3c*	Protein phosphatase 2, regulatory subunit B, gamma	Regulates MCM3AP phosphorylation
1377772_at	4	BI295864	*Tmeff1*	Transmembrane protein with EGF-like and two follistatin-like domains 1	Inhibits NODAL & BMP signaling
1372590_at	4	BM386449	*C1qtnf1, Ctrp1*	C1q-tumor necrosis factor related protein 1	Adiponectin-like function
1375692_at	5	AI229025	*Mapk1*	Mitogen activated protein kinase 1	Signalling - many cellular processes
1390828_at	5	BI395810	*Npy1r*	Neuropeptide Y receptor Y1	Receptor for neuropeptide Y & peptide YY
1374307_at	6	AI236027	*Camk2n1*	CaM-kinase II inhibitor alpha	Specific inhibitor of CaM-kinase II
1374706_at	6	BF407916	*Gdf11*	Growth differentiation factor 11	Regulator of cell growth & differentiation
1368681_at	6	NM_012636	*Pthlh*	Parathyroid hormone-like peptide	Transepithelial calcium transport; tissue proliferation
1392927_at	6	BG381724	*Paqr4*	Progestin and adipoQ receptor family member IV	Mediator of non-genomic steroid action & adiponectin activity
1368862_at	6	NM_033230	*Akt1*	v-akt murine thymoma viral oncogene homolog 1	Critical regulator of cell survival pathways & insulin signaling
1373403_at	6	AI230625	*C8orf4*	Chromosome 8 open reading frame 4	Positive regulator of Wnt/beta-catenin signaling pathway
1391577_at	7	BI293450	*Pgam5*	Phosphoglycerate mutase family member 5	protein serine/threonine phosphatase, activates ASK1
Inflammation / Immune Response					
1387631_at	1	NM_024390	*Hpgd*	15-hydroxyprostaglandin dehydrogenase	Prostaglandin inactivation
1368200_at	1	NM_134455	*Cx3cl1*	Chemokine (C-X3-C motif) ligand 1	Chemoattracts T cells and monocytes
1375908_at	1	BI282616	*Eva*	Epithelial V-like antigen	Adhesion molecule - thymus development
1367850_at	1	NM_053843	*Fcgr 2**	Fc gamma receptor II	Low affinity receptor for IgG molecules
1398246_s_at	1	NM_053843	*Fcgr 2**	Fc gamma receptor II	Low affinity receptor for IgG molecules
1368527_at	5	U03389	*Ptgs2*	Prostaglandin-endoperoxide synthase 2	Prostaglandin biosynthesis,
1393917_at	6	BF555488	*CD163**	CD 163 antigen	Scavenger receptor for Hb-Hp, activated macrophage marker
1379716_at	6	AA956555	*CD163**	CD 163 antigen	Scavenger receptor for Hb-Hp, activated macrophage marker
1370445_at	6	D88666	*Pspla1*	Phosphatidylserine-specific phospholipase A1	Stimulates histamine production
Cell Cycle / Apoptosis					
1388674_at	1	AI010427	*Cdkn1a, p21*	Cyclin-dependent kinase inhibitor 1A	Negative regulation of cell cycle
1376071_at	1	BM389326	*Mcc*	Mutated in colorectal cancers	Tumor suppressor, negative regulator of cell cycle progression
1395377_at	3	BE107113	*Bfar*	Bifunctional apoptosis regulator	Blocks both the extrinsic & intrinsic apoptosis pathways
1382118_at	4	BE104676	*Peg3**	Paternally expressed 3	Tumor suppressor activity & apoptosis inducer
1372390_at	4	AI710604	*Peg3**	Paternally expressed 3	Tumor suppressor activity & apoptosis inducer
1375760_at	4	AI070270	*Tob2*	Transducer of ERBB2, 2	Inhibits cell cycle progression from G0/G1 to S phases
1397409_s_at	5	BE113999	*Wee1**	Wee 1 homolog	Critical regulator of G2-to-M transition
1385973_at	5	AI717265	*Wee1**	Wee 1 homolog	Critical regulator of G2-to-M transition
1398434_at	6	BE107465	*Datf1*	Death associated transcription factor 1	Tumor suppressor gene with pro-apoptotic property

Supplementary Table 2: Functional Categorizations of Probe Sets Showing Circadian Oscillations in Expression in Adipose Tissue

Probe ID	Cluster	Accession No.	Symbol	Gene Name	Gene Function
Cell Cycle / Apoptosis					
1370963_at	6	AJ131902	*Gas7*	Growth arrest specific 7	Maturation & differentiation of cerebellar neurons
1374036_at	6	AI229508	*Mcm2*	Minichromosome maintenance deficient 2 mitotin	Initiation of eukaryotic genome replication
1376947_at	6	AI178158	*Rbbp6*	Retinoblastoma binding protein 6	Negative regulator of p53
1376440_at	6	BF391522	*Rnf139*	Ring finger protein 139	Tumor suppressor
1372426_at	6	AI411997	*Tsrc1*	Thrombospondin repeat-containing protein 1	Positive regulation of apoptosis
Protein Processing					
1368882_at	2	NM_019123	*Siat7c*	Sialyltransferase 7c	Sialylation of glycoproteins in Golgi
1398597_at	2	AI044699	*Rnf144a**	Ring finger protein 144A	Ubiquitin proteasome pathway
1395629_at	2	BE105336	*Rnf144a**	ring finger protein 144A	Ubiquitin proteasome pathway
1388901_at	5	AW534837	*Fkbp5**	FK506 binding protein 5	Protein folding and trafficking
1380611_at	5	BI284255	*Fkbp5**	FK506 binding protein 5	Protein folding and trafficking
1398819_at	7	NM_022934	*Dnaja1, Hsp40**	DnaJ-like protein	Protein translation, folding, translocation & degradation
1368852_at	7	BG668811	*Dnaja1, Hsp40**	DnaJ-like protein	Protein translation, folding, translocation & degradation
1389844_at	7	BE113154	*Fkbp4, Hsp56*	FK506 binding protein 4	Protein folding and trafficking
1370912_at	7	BI278231	*Hspa1b, Hsp72*	Heat shock 70kD protein 1B	Protein stabilization & folding
1370283_at	7	M14050	*Hspa5*	Heat shock 70kD protein 5	Protein folding and trafficking
1388898_at	7	AI236601	*Hsp105*	Heat shock protein 105	Prevents aggregation of denatured proteins, cell stress
1398877_at	7	BI283691	*Stip1*	Stress-induced-phosphoprotein 1	Mediates association of molecular chaperones HSC70 and HSP90
1381528_at	7	BF387076	*St3gal2*	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	Sialylation of glycoproteins in golgi
Lipid Metabolism					
1368189_at	1	NM_022389	*Dhcr7*	7-dehydrocholesterol reductase	Cholestrol biosynthesis
1367857_at	1	NM_053445	*Fads1*	Fatty acid desaturase 1	Biosynthesis of highly unsaturated fatty acids
1381840_at	3	BF402893	*Etfb*	Electron-transfer-flavoprotein, beta polypeptide	Mitochondrial fatty acid & amino acid catabolism
1375355_at	3	AI763565	*Mgll*	Monoglyceride lipase	Hydrolyze intracellular triglyceride
1375209_at	5	AA893228	*Osbpl11*	Oxysterol binding protein-like 11	Involved in lipid & carbohydrate metabolism
1368177_at	7	NM_057107	*Acsl3*	Acyl-CoA synthetase long-chain family member 3	Lipid biosynthesis & fatty acid degradation
Cytoskeleton / Extracellular					
1368571_at	1	NM_021997	*Cyln2*	Cytoplasmic linker 2	Regulates microtubule dynamics & dynein transport
1373718_at	1	BM384071	*Tubb2a*	Tubulin, beta 2a	Major constituent of microtubules
1370847_at	1	AA801238	*Spon2*	Spondin 2	Extracellular matrix protein
1393730_at	1	BI277836	*Adamts4*	Disintegrin-like & metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4	Degradation of protein aggrecans
1371090_at	2	BM387006	*Scamp2*	Secretory carrier membrane protein 2	Carriers to cell surface in post-Golgi recycling pathways
1385382_at	2	BI294158	*Adam19*	Disintegrin and metallopeptidase domain 19	Cell-cell & cell-matrix interaction
1370266_at	3	BE115857	*Parva*	Parvin, alpha	Actin-binding proteins associated with focal contacts
1391187_at	5	BI303019	*Ppl*	Periplakin	Component of desmosomes
1385229_at	5	AW524146	*Pcdh20**	Protocadherin 20	Calcium-dependent cell-adhesion
1391208_at	5	BG379836	*Pcdh20**	Protocadherin 20	Calcium-dependent cell-adhesion
1371913_at	5	BG379319	*Tgfbi*	Transforming growth factor, beta induced	Binds to type I, II, and IV collagens; cell-collagen interaction
1382732_at	6	BE116084	*Xlkd1**	Extra cellular link domain-containing 1	Binds to both soluble & immobilized hyaluronan
1382192_at	6	AI179260	*Xlkd1**	Extra cellular link domain-containing 1	Binds to both soluble & immobilized hyaluronan
1394824_at	7	BF398348	*Itga11*	Integrin, alpha 11	Binding to collagen

Supplementary Table 2: Functional Categorizations of Probe Sets Showing Circadian Oscillations in Expression in Adipose Tissue

Probe ID	Cluster	Accession No.	Symbol	Gene Name	Gene Function
Cytoskeleton / Extracellular					
1373816_at	7	BM383443	*Ap1g1*	Adaptor-related protein complex 1, gamma 1 subunit	Protein sorting in late-Golgi/trans-Golgi network
1372091_at	7	BI275959	*Mig12*	MID1 interacting G12-like protein	Stabilization of microtubules
1370954_at	7	BI274401	*P4ha1*	Prolyl 4-hydroxylase, alpha I subunit	Post-translational formation of 4-hydroxyproline in collagen
Transport					
1388064_a_at	3	AF265360	*Slc1a3*	Solute carrier family 1, member 3	Transports L-glutamate & L- and D-aspartate
1398255_at	5	NM_031672	*Slc15a2, Pept2*	Solute carrier family 15, member 2	Proton-coupled intake of oligopeptides
1398635_at	5	BF565662	*Slc10a6*	Solute carrier family 10, member 6	Transport of steroid sulfates
1374531_at	5	AA926305	*Slc6a6*	Solute carrier family 6, member 6	Uptake of taurine
Miscellaneous					
1392579_at	1	BI295501	*Obfc2a*	Oligonucleotide/oligosaccharide-binding fold containing 2A	Single-stranded nucleic acid binding
1377635_at	5	BM389350	*Fmo2**	Flavin containing monooxygenase 2	Oxidation of drugs and xenobiotics
1379467_at	5	BF284065	*Fmo2**	Flavin containing monooxygenase 2	Oxidation of drugs and xenobiotics
1382031_at	5	AA859079	*Fmo2**	Flavin containing monooxygenase 2	Oxidation of drugs and xenobiotics
1368304_at	5	NM_053433	*Fmo3*	Flavin containing monooxygenase 3	Oxidation of drugs and xenobiotics
1384106_at	5	AW141276	*SGMS1*	Sphingomyelin synthase 1	Sphingomyelin production
1373139_at	5	AI012608	*Vkorc1l1*	Vitamin K epoxide reductase complex, subunit 1-like 1	Vitamin K metabolism
1397766_at	5	BI291982	*Sgms2*	Sphingomyelin synthase 2	Sphingomyelin production
1367568_a_at	6	NM_012862	*Mgp*	Matrix Gla protein	Inhibitor of bone formation
1393075_at	7	BF386199	*Lonrf3*	LON peptidase N-terminal domain and ring finger 3	Protein-protein and protein-DNA interactions
EST/Unknown					
1389284_at	1	BI275747	*EST*	---	---
1383518_at	1	AI137914	*EST*	---	---
1381409_at	1	AA963978	*EST*	---	---
1389199_at	1	AI407536	*EST*	---	---
1389456_at	1	BI296591	*EST*	---	---
1395663_at	1	BM390763	*Mall mal*	Mal, T-cell differentiation protein-like	---
1372086_at	1	BM387251	*Fhdc1*	FH2 domain containing 1	---
1378043_at	2	AW532890	*EST*	---	---
1391553_at	3	AA956757	*EST*	---	---
1383004_at	3	BF397074	*Ahcyl1*	S-adenosylhomocysteine hydrolase-like 1	---
1397251_at	3	BF389812	*Ammecr1l*	AMME chromosomal region gene 1-like	---
1369433_at	Unclustered	NM_021741	*Cep78*	Centrosomal protein 78kDa	---
1386097_at	Unclustered	AW527230	*Ankrd12*	Ankyrin repeat domain 12	---
1392344_at	4	AI709455	*EST*	---	---
1389911_at	4	BM389126	*Metrnl*	Meteorin, glial cell differentiation regulator-like	---
1388525_at	4	BE112999	*Pik3ip1*	Phosphoinositide-3-kinase interacting protein 1	---
1373239_at	4	BM390617	*Sh3px3, Snx33*	Sorting nexin 33	---
1393610_at	4	AI137173	*Fam 76A*	Family with sequence similarity 76, member A	---
1373960_at	4	AI235631	*Tmem120a*	Transmembrane protein 120A	---
1379971_at	4	BE102241	*Zc3h6*	Zinc finger CCCH type containing 6	---
1397225_at	5	AA875647	*EST*	---	---

Supplementary Table 2: Functional Categorizations of Probe Sets Showing Circadian Oscillations in Expression in Adipose Tissue

Probe ID	Cluster	Accession No.	Symbol	Gene Name	Gene Function
EST/Unknown					
1388949_at	5	BI297693	*EST*	---	---
1378105_at	5	BF289201	*EST*	---	---
1384209_at	5	BI295835	*EST*	---	---
1373158_at	5	AI170446	*EST*	---	---
1388945_at	5	BM385779	*EST*	---	---
1384110_at	5	AI045668	*EST*	---	---
1378156_at	5	BE109002	*LOC690489*	Similar to cystin 1	---
1376465_at	5	BI295240	*ZNF704, Gig1*	Glucocorticoid-induced gene 1	---
1373093_at	5	AI169756	*Errfi1*	ERBB receptor feedback inhibitor 1	---
1382266_at	5	AI500893	*Gpr146*	Orphan receptor	---
1392510_at	5	BF283618	*Fam180a*	Family with sequence similarity 180, member A	---
1376177_at	5	AI179609	*Fam117a*	Family with sequence similarity 117, member A	---
1396417_at	6	BF390967	*EST*	---	---
1395859_at	6	BI293415	*EST*	---	---
1379477_at	6	AI555261	*EST*	---	---
1379051_at	6	AW528292	*EST*	---	---
1372491_at	6	AI229647	*EST*	---	---
1389020_at	6	BM389149	*LOC686539*	Immunoglobulin superfamily containing leucine-rich repeat	---
1398662_at	7	AA901088	*EST*	---	---
1393696_at	7	AA818846	*EST*	---	---
1376858_at	7	BI281836	*LOC686809*	Similar to protein 7 transactivated by hepatitis B virus X antigen	---
1398365_at	7	AI171466	*Tppp3*	Tubulin polymerization-promoting protein family member 3	---

* Genes represented by multiple probe sets.

Supplementary Table 3: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1398877_at	1.22	1.22	1.22	0.91	0.88	0.82	0.69	0.88
1398819_at	1.33	1.22	0.94	0.76	0.68	0.71	0.79	0.93
1398662_at	1.24	1.23	1.05	0.97	0.89	0.86	0.85	0.64
1398635_at	1.00	0.87	0.68	0.79	0.71	0.97	1.34	1.31
1398597_at	0.96	1.25	1.43	1.95	1.42	1.39	1.07	0.90
1398434_at	0.98	0.96	0.68	0.87	0.70	0.69	0.71	0.79
1398370_at	0.69	0.91	0.78	0.67	0.67	0.78	0.89	1.20
1398365_at	1.14	1.21	1.10	0.91	0.58	0.83	0.61	0.89
1398255_at	0.69	0.63	0.57	0.91	0.75	0.92	1.15	1.48
1398246_s_at	1.94	2.02	1.69	1.74	0.99	0.60	0.61	0.68
1397766_at	0.90	0.87	0.80	0.81	0.64	0.98	1.15	1.18
1397409_s_at	0.97	0.91	0.61	0.61	0.39	0.57	0.80	1.15
1397251_at	0.99	0.93	1.08	1.16	1.30	1.21	1.15	1.20
1397225_at	0.48	0.61	0.71	0.52	0.59	0.91	0.92	1.46
1396417_at	0.98	1.03	0.86	0.64	0.80	0.77	0.85	0.84
1396053_at	1.15	1.34	1.31	1.34	0.93	0.81	0.91	0.86
1395859_at	1.09	1.05	0.63	0.71	0.58	0.73	0.87	1.01
1395663_at	1.14	1.16	1.18	1.34	1.02	1.03	0.94	0.90
1395629_at	1.18	1.43	1.77	1.96	1.59	1.33	1.09	0.70
1395377_at	1.05	0.79	1.08	1.18	1.21	1.35	1.13	1.20
1394824_at	1.05	1.03	1.04	0.95	0.80	0.82	0.69	0.86
1393917_at	0.79	0.89	0.57	0.80	0.48	0.53	0.73	0.98
1393730_at	1.28	1.32	1.26	1.39	1.21	0.95	0.75	0.54
1393696_at	1.37	1.18	0.99	0.87	0.84	0.90	0.77	0.87
1393647_at	0.85	0.88	0.87	0.93	0.92	0.93	0.95	1.09
1393610_at	0.85	0.93	0.87	1.11	1.11	1.12	1.26	1.16
1393568_at	1.19	1.09	1.25	0.98	1.11	0.95	0.86	0.90
1393075_at	1.47	0.92	1.09	1.06	0.76	0.52	0.50	0.28
1392996_at	0.76	0.82	0.90	0.90	0.75	1.14	1.28	1.59
1392927_at	0.90	0.94	0.77	0.92	0.74	0.90	0.92	0.91
1392640_at	1.43	1.43	1.37	0.87	0.59	0.43	0.45	0.50
1392579_at	1.27	1.26	1.58	1.13	0.83	0.80	0.61	0.61
1392557_at	0.71	0.99	0.57	0.72	0.62	0.81	0.89	1.07
1392510_at	0.85	0.66	0.73	0.80	0.94	0.88	1.16	1.13
1392344_at	0.81	0.83	0.97	0.99	0.97	1.24	1.30	1.33
1392149_at	0.71	0.61	0.50	0.80	0.84	1.39	1.70	2.32
1391808_at	1.24	1.29	0.94	1.20	1.21	0.98	0.98	0.86
1391577_at	1.09	1.08	1.04	0.96	0.94	0.88	0.82	0.94
1391553_at	1.25	1.38	1.22	1.20	1.46	1.41	1.37	1.20
1391208_at	0.64	0.48	0.37	0.78	0.54	0.97	1.17	0.89
1391187_at	0.53	0.64	0.40	0.58	0.51	0.70	1.21	1.64
1390828_at	0.66	0.73	0.53	0.71	0.66	0.94	0.93	1.37

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1390819_at	0.69	0.54	0.62	0.52	0.63	1.04	1.24	1.56
1390628_at	1.14	1.21	1.82	1.27	1.10	0.97	0.69	0.67
1390430_at	0.26	0.34	0.41	0.55	0.95	2.02	1.88	2.25
1390010_at	0.97	0.93	0.80	0.82	0.86	0.95	1.01	0.96
1389911_at	0.75	0.78	0.72	0.94	0.88	1.22	1.46	1.75
1389844_at	1.15	1.16	1.03	0.87	0.72	0.87	0.60	0.78
1389456_at	1.29	1.10	1.17	1.15	1.07	1.15	0.81	0.89
1389284_at	0.97	1.59	1.36	1.89	1.20	1.26	0.76	0.99
1389199_at	1.63	1.46	0.99	1.12	1.04	0.89	0.73	0.76
1389020_at	0.84	0.88	0.84	0.93	0.66	0.72	0.79	0.99
1388949_at	0.64	0.97	0.75	0.88	0.80	0.99	1.18	1.18
1388945_at	0.98	0.96	0.81	0.82	0.77	0.93	1.06	1.07
1388901_at	0.65	0.79	0.77	0.64	0.64	0.72	0.83	1.21
1388898_at	1.39	1.48	1.25	0.78	0.65	0.64	0.55	0.62
1388674_at	1.34	1.09	1.21	1.20	1.00	0.83	0.62	0.60
1388525_at	0.52	0.69	0.70	0.61	0.75	1.32	1.31	1.29
1388064_a_at	0.90	1.10	1.23	1.25	1.27	1.42	1.15	1.25
1388002_at	1.18	1.05	1.34	1.38	1.48	1.46	0.98	0.92
1387874_at	0.31	0.28	0.27	0.27	0.56	1.79	2.51	4.25
1387631_at	1.18	1.52	1.12	1.09	1.07	1.02	0.91	0.72
1386833_at	1.18	1.20	1.04	1.46	1.18	1.09	1.16	1.12
1386832_a_at	1.18	1.11	1.05	1.46	1.24	1.20	1.14	1.22
1386641_at	0.52	0.53	0.97	0.54	0.65	0.89	0.82	0.87
1386566_at	1.06	1.19	1.03	1.16	1.08	1.14	1.15	1.01
1386097_at	0.83	0.91	0.93	1.12	1.15	1.28	1.24	1.16
1385973_at	0.32	0.21	0.18	0.08	0.17	0.11	0.41	1.85
1385904_at	0.77	0.72	0.91	1.18	1.26	1.31	1.18	1.47
1385585_at	0.51	0.64	0.80	0.47	0.55	0.84	0.73	1.01
1385382_at	1.15	1.61	1.52	2.08	2.21	1.72	0.98	0.67
1385374_at	0.74	0.79	0.75	0.61	0.66	0.98	0.98	1.30
1385229_at	0.59	0.46	0.46	0.89	0.54	1.10	1.18	1.24
1385149_at	1.11	0.89	0.92	0.75	0.74	0.94	0.89	0.92
1384386_at	0.97	0.99	0.92	1.45	1.59	1.61	1.40	1.01
1384209_at	0.86	0.57	0.49	0.59	0.87	0.73	1.31	1.39
1384110_at	0.73	0.83	0.61	0.63	0.51	1.10	0.93	1.15
1384106_at	0.95	0.92	0.85	0.78	0.77	0.98	0.97	1.04
1383610_at	0.79	0.93	0.60	0.76	0.78	0.89	0.90	1.13
1383533_at	0.86	0.90	0.89	0.93	0.96	1.20	1.15	1.25
1383518_at	1.27	1.36	1.45	1.30	1.08	1.01	0.78	0.83
1383439_at	2.45	1.58	2.12	2.06	2.04	1.20	0.80	0.51
1383263_at	0.72	0.96	1.10	1.21	1.21	1.16	1.25	1.24
1383004_at	1.15	1.08	1.14	1.20	1.31	1.12	1.10	1.07

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1382732_at	0.82	1.03	0.59	0.70	0.56	0.54	0.75	1.15
1382266_at	0.69	0.57	0.70	0.80	0.68	1.28	1.40	1.72
1382192_at	0.84	0.97	0.65	0.75	0.59	0.66	0.80	1.16
1382118_at	0.61	0.55	0.82	1.47	1.30	1.55	1.69	1.53
1382031_at	1.08	0.38	0.48	0.41	0.53	0.51	0.94	1.35
1381840_at	0.98	1.05	0.99	1.20	1.20	1.39	1.24	1.03
1381528_at	0.91	1.05	0.94	0.81	0.86	0.82	0.75	0.92
1381469_a_at	0.99	0.90	0.99	1.19	1.18	1.36	1.28	1.23
1381409_at	1.15	1.24	1.34	1.62	1.17	1.26	0.76	0.68
1381157_at	0.84	0.73	0.66	0.77	0.77	0.84	0.94	1.12
1380611_at	0.72	0.93	0.69	0.57	0.57	0.65	0.73	1.13
1380598_at	1.28	1.25	1.00	1.07	0.90	0.84	0.80	0.94
1380306_at	0.36	0.46	0.56	0.50	0.54	0.67	0.95	1.38
1379971_at	1.03	0.73	0.97	0.99	1.10	1.40	1.31	1.28
1379716_at	0.68	0.84	0.66	0.80	0.53	0.62	0.78	1.00
1379477_at	0.87	0.81	0.93	0.76	0.60	0.71	0.78	1.11
1379467_at	1.10	0.59	0.74	0.59	0.68	0.64	0.74	0.99
1379369_at	1.02	0.86	0.87	0.72	0.78	0.94	0.87	0.99
1379051_at	0.80	0.83	0.96	0.72	0.63	0.73	0.98	1.01
1378745_at	0.20	0.26	0.22	0.60	1.07	1.89	2.20	3.04
1378156_at	0.95	0.73	0.80	0.64	0.69	0.66	0.99	0.94
1378105_at	0.84	0.83	0.81	0.76	0.79	0.93	0.99	1.24
1378043_at	2.00	2.01	3.76	2.81	3.50	2.57	1.57	1.01
1378038_at	1.02	1.13	1.10	1.25	1.37	1.36	1.22	1.24
1377982_at	1.11	1.28	1.09	1.53	1.28	0.99	0.78	0.83
1377772_at	0.63	0.61	0.52	0.93	0.75	1.71	1.30	1.34
1377635_at	1.03	0.52	0.49	0.47	0.60	0.70	0.99	1.18
1377608_a_at	1.07	1.01	1.04	0.85	0.83	0.96	0.80	0.87
1376947_at	1.04	1.11	0.84	0.78	0.72	0.86	0.87	0.98
1376858_at	1.39	1.30	0.94	0.94	1.03	0.80	0.85	0.81
1376465_at	0.75	0.80	0.76	0.91	0.84	1.07	1.09	1.21
1376440_at	0.91	0.87	0.94	0.87	0.79	1.01	0.92	0.98
1376177_at	0.73	0.77	0.77	0.81	0.66	0.88	1.06	1.26
1376071_at	1.14	1.23	1.05	1.36	1.19	1.05	0.93	0.88
1375908_at	1.12	1.23	1.38	1.61	1.12	1.34	0.99	0.84
1375760_at	0.73	0.62	0.75	0.91	0.82	1.02	0.95	1.25
1375692_at	0.91	0.93	0.95	0.86	0.92	1.10	0.99	1.02
1375355_at	0.88	0.87	1.41	1.15	1.54	1.07	1.52	1.20
1375209_at	0.88	0.87	0.83	0.89	0.84	1.05	1.18	1.33
1374855_at	0.67	0.58	0.60	0.28	0.36	0.70	2.29	3.81
1374706_at	0.96	0.92	0.84	0.90	0.83	0.95	0.90	0.91
1374681_at	1.11	1.29	1.17	1.63	1.33	1.02	0.91	0.76

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1374531_at	0.97	0.87	0.80	0.71	0.72	0.82	0.98	1.25
1374307_at	0.81	0.88	0.79	0.79	0.72	0.87	0.87	1.07
1374036_at	0.76	0.98	0.72	0.84	0.84	0.82	0.83	0.95
1373960_at	0.78	0.76	0.74	0.86	0.83	1.21	1.27	1.62
1373950_at	0.88	0.81	0.92	0.81	0.90	0.97	0.96	1.00
1373816_at	1.05	1.04	0.99	0.87	0.87	0.86	0.83	1.01
1373718_at	1.29	1.34	1.55	1.59	1.17	0.81	0.74	0.89
1373708_at	1.15	1.06	1.08	0.82	0.71	0.73	0.65	0.79
1373566_at	1.05	1.16	1.00	0.91	0.79	0.76	0.86	0.83
1373542_at	1.21	1.21	1.19	1.24	1.08	0.79	0.70	0.72
1373403_at	0.80	0.83	0.83	0.80	0.74	1.02	1.02	0.92
1373399_at	1.01	1.07	1.03	1.41	1.26	1.17	0.99	0.96
1373239_at	1.05	0.85	0.84	1.05	1.09	1.30	1.51	1.45
1373158_at	0.82	0.72	0.62	0.76	0.79	1.20	1.42	1.76
1373139_at	0.87	0.88	0.88	0.79	0.70	0.87	0.96	1.10
1373114_at	1.29	1.82	1.42	1.79	1.45	1.38	0.92	0.83
1373093_at	0.83	0.87	0.55	0.64	0.73	0.86	1.11	1.33
1372590_at	0.96	0.87	0.84	1.14	1.20	1.08	1.25	1.20
1372491_at	0.95	1.00	0.91	0.82	0.79	0.94	0.84	0.90
1372426_at	0.71	0.84	0.80	0.83	0.64	0.84	0.86	1.10
1372390_at	0.65	0.79	0.59	0.91	0.99	1.42	1.65	1.85
1372091_at	0.99	1.16	1.59	1.18	0.95	0.59	0.53	0.68
1372086_at	1.29	1.14	1.22	1.49	0.97	0.71	0.70	0.66
1371913_at	0.69	0.87	0.64	0.81	0.61	0.84	1.00	1.26
1371864_at	0.64	0.76	0.70	0.73	0.70	1.15	1.08	1.43
1371832_at	1.16	1.20	1.34	1.10	1.02	0.78	0.61	0.85
1371583_at	0.66	0.89	0.77	1.07	0.91	1.02	1.25	1.32
1371505_at	1.26	1.25	1.01	1.03	0.91	0.86	0.84	0.92
1371367_at	1.20	1.31	0.92	0.89	0.84	0.78	0.77	0.87
1371090_at	1.24	1.30	1.26	1.24	1.07	1.08	1.10	1.00
1370991_at	0.63	0.79	0.93	0.17	0.12	0.56	0.89	0.99
1370963_at	1.08	1.12	0.94	1.01	0.64	0.74	0.71	1.01
1370954_at	1.14	1.22	1.08	0.86	0.73	0.65	0.74	0.93
1370912_at	1.38	1.06	0.99	0.38	0.45	0.46	0.44	0.43
1370847_at	1.19	1.37	1.39	1.63	1.11	1.15	0.96	0.99
1370816_at	0.25	0.16	0.55	0.72	2.00	4.60	4.44	4.20
1370570_at	1.07	1.11	1.29	1.39	1.33	1.19	1.32	1.14
1370541_at	0.39	0.41	0.44	0.57	0.85	1.93	2.01	2.64
1370540_at	0.27	0.43	0.30	0.69	0.95	2.25	1.76	1.86
1370510_a_at	2.18	1.76	1.77	1.53	1.38	0.89	0.46	0.35
1370445_at	0.94	1.02	0.95	0.82	0.82	0.85	0.93	1.00
1370283_at	1.07	1.23	1.07	1.08	0.79	0.80	0.78	0.92

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	**0.25**	**1**	**2**	**4**	**6**	**8**	**10**	**11**
Probe set ID								
1370266_at	1.05	1.18	1.62	1.53	1.62	1.36	1.33	1.01
1370209_at	0.57	0.66	0.77	0.80	0.81	1.25	1.21	1.59
1369919_at	0.03	0.46	0.87	0.74	1.33	1.55	1.91	1.78
1369433_at	0.54	0.90	0.82	0.76	1.05	0.89	1.32	1.18
1368882_at	1.37	1.15	1.33	1.41	1.20	1.32	1.08	0.93
1368862_at	0.94	0.97	0.96	0.79	0.80	0.79	0.80	0.90
1368852_at	1.29	1.42	1.12	0.87	0.70	0.81	0.86	0.91
1368681_at	0.65	0.96	0.63	0.44	0.50	0.72	0.58	1.03
1368571_at	1.09	1.51	1.39	1.59	1.20	0.92	0.85	0.89
1368527_at	0.67	0.90	0.61	0.49	0.51	0.91	1.20	1.19
1368488_at	1.50	1.53	2.06	1.22	1.06	0.59	0.32	0.47
1368486_at	1.33	1.35	1.31	1.26	0.85	0.77	0.67	0.74
1368304_at	0.77	0.78	0.57	0.48	0.56	0.83	1.05	1.26
1368303_at	0.78	0.57	0.28	0.13	0.19	0.38	0.69	1.05
1368249_at	0.73	0.57	0.68	0.59	0.54	1.21	1.02	1.56
1368200_at	1.63	1.22	1.22	1.34	1.29	0.98	0.84	0.40
1368189_at	1.67	1.38	1.60	1.61	1.24	0.84	0.78	0.90
1368177_at	1.20	1.03	1.05	0.79	0.75	0.74	0.60	0.70
1367857_at	1.29	1.10	1.02	1.09	1.06	0.70	0.72	0.94
1367850_at	1.87	1.69	1.62	1.46	0.93	0.57	0.58	0.66
1367771_at	0.90	0.84	0.86	0.48	0.53	0.61	0.56	0.82
1367568_a_at	0.90	0.86	0.74	0.78	0.72	0.69	0.69	0.96

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1398877_at	0.77	0.88	0.83	0.90	1.05	1.13	1.21	1.21
1398819_at	0.87	0.79	1.08	0.95	1.26	1.31	1.15	1.22
1398662_at	0.67	0.69	0.86	1.26	1.11	1.30	1.36	1.40
1398635_at	1.79	1.42	1.78	1.44	1.20	1.30	0.88	0.98
1398597_at	1.03	0.68	0.67	0.53	0.58	0.68	0.76	0.90
1398434_at	0.83	0.97	1.06	0.97	1.11	1.16	1.10	1.07
1398370_at	1.31	1.20	1.40	1.28	1.50	1.24	1.08	1.06
1398365_at	0.80	0.75	0.80	1.10	1.33	1.41	1.41	1.53
1398255_at	1.49	1.29	1.31	1.20	1.17	1.06	0.89	0.87
1398246_s_at	0.55	0.42	0.49	0.55	0.85	1.26	1.33	1.80
1397766_at	1.29	1.16	1.40	1.15	1.36	1.05	1.02	0.83
1397409_s_at	1.10	1.19	1.45	1.34	1.16	1.16	1.06	0.94
1397251_at	1.16	0.92	0.97	0.88	0.85	0.92	0.88	0.91
1397225_at	1.84	1.48	1.06	1.42	1.30	1.49	1.44	1.08
1396417_at	0.92	0.98	1.09	0.95	1.12	1.26	1.26	1.08
1396053_at	0.83	0.70	0.80	0.84	0.77	1.01	0.97	1.14
1395859_at	1.04	1.07	1.25	1.30	1.40	1.14	1.28	1.05
1395663_at	0.92	0.73	0.65	0.64	0.78	1.09	1.05	1.26
1395629_at	0.87	0.64	0.68	0.73	0.61	0.70	0.93	0.94
1395377_at	1.03	1.10	0.98	1.04	0.88	0.83	0.82	0.82
1394824_at	0.82	0.82	0.77	1.00	1.42	1.47	1.50	1.21
1393917_at	1.25	0.84	1.21	1.30	1.63	1.54	1.52	1.26
1393730_at	0.48	0.40	0.34	0.38	0.47	0.87	1.10	1.38
1393696_at	0.75	0.82	0.82	1.10	1.07	1.33	1.41	1.20
1393647_at	1.12	1.06	1.13	1.10	1.09	1.10	1.02	0.91
1393610_at	1.45	1.31	1.09	1.17	0.95	0.81	0.88	0.83
1393568_at	0.85	0.89	0.90	0.88	0.81	0.85	1.12	0.99
1393075_at	0.29	0.56	0.51	0.96	0.89	1.40	1.26	1.68
1392996_at	1.61	1.42	1.68	1.17	1.50	0.90	0.54	0.71
1392927_at	1.12	1.10	1.27	1.26	1.28	1.20	1.22	1.23
1392640_at	0.54	0.66	0.86	0.95	1.03	1.34	1.50	1.67
1392579_at	0.56	0.70	0.67	0.66	1.00	1.27	1.24	1.62
1392557_at	1.02	1.26	1.48	1.24	1.33	1.26	1.03	0.91
1392510_at	0.98	1.54	1.36	1.39	1.22	1.32	1.19	0.96
1392344_at	1.31	1.06	1.05	1.12	1.09	1.05	0.89	0.82
1392149_at	2.49	1.92	1.48	1.45	1.49	1.08	0.74	0.80
1391808_at	0.68	0.68	0.81	0.78	0.87	1.14	1.09	1.22
1391577_at	0.91	0.95	1.03	1.01	0.97	1.05	1.05	1.08
1391553_at	1.05	1.19	0.82	0.98	0.93	0.82	0.81	0.83
1391208_at	1.13	1.21	1.50	1.55	1.33	1.28	1.11	0.91
1391187_at	1.46	1.36	1.59	2.17	1.36	1.19	0.77	0.75
1390828_at	1.41	1.15	1.22	1.14	1.07	1.04	1.23	1.00

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1390819_at	1.76	1.93	1.46	1.83	1.41	1.22	0.93	0.83
1390628_at	0.70	0.78	0.66	0.70	0.72	1.06	1.18	1.32
1390430_at	2.05	2.75	1.99	2.10	1.48	0.89	0.69	0.37
1390010_at	1.13	0.97	1.14	1.03	1.12	1.18	1.04	1.02
1389911_at	1.82	1.37	1.37	1.24	1.12	1.02	0.79	0.93
1389844_at	0.76	1.00	0.87	0.96	1.10	1.12	1.21	1.18
1389456_at	0.83	0.77	0.71	0.68	0.68	0.94	1.00	1.18
1389284_at	0.79	0.58	0.53	0.49	0.56	0.91	0.96	1.23
1389199_at	0.59	0.72	0.93	0.75	0.94	1.12	1.13	1.19
1389020_at	0.91	0.93	0.99	1.06	1.20	1.24	1.37	1.34
1388949_at	1.37	1.13	1.27	1.16	1.16	1.15	0.98	0.87
1388945_at	1.22	1.07	1.29	1.10	1.39	1.15	1.05	1.01
1388901_at	1.69	1.26	1.70	1.47	1.90	1.46	1.44	0.94
1388898_at	0.54	0.83	0.80	0.80	0.98	1.23	1.19	1.20
1388674_at	0.86	0.84	0.60	1.00	0.85	0.99	1.36	1.35
1388525_at	1.38	1.46	1.08	1.26	1.20	1.07	1.02	0.79
1388064_a_at	1.28	0.91	0.93	0.75	0.78	0.73	0.76	0.88
1388002_at	0.93	0.86	0.93	0.84	0.60	0.68	0.62	0.79
1387874_at	4.53	4.10	3.35	3.02	2.55	0.95	0.65	0.44
1387631_at	0.71	0.56	0.66	0.73	0.71	1.02	1.12	1.22
1386833_at	0.92	0.84	0.76	0.76	0.73	0.82	0.90	0.94
1386832_a_at	0.98	0.88	0.88	0.82	0.63	0.89	0.62	0.97
1386641_at	1.07	1.34	1.26	1.55	1.67	1.37	1.15	0.85
1386566_at	0.99	0.90	0.99	0.90	0.89	0.78	0.72	0.83
1386097_at	1.34	0.90	1.19	1.09	0.99	0.62	0.71	0.91
1385973_at	2.89	2.33	2.73	2.52	3.96	3.01	1.61	0.35
1385904_at	1.33	1.26	1.03	1.00	0.83	0.83	0.93	0.86
1385585_at	1.17	1.32	1.19	1.41	1.28	1.29	1.20	0.97
1385382_at	0.69	0.43	0.72	0.66	0.80	0.62	0.84	0.95
1385374_at	1.33	1.22	1.46	1.04	1.29	1.38	0.99	1.06
1385229_at	1.21	1.66	1.33	1.21	1.13	1.05	0.98	0.85
1385149_at	0.93	0.92	1.07	0.92	1.14	1.20	1.22	1.25
1384386_at	1.09	1.00	0.89	0.79	0.79	0.88	0.73	0.88
1384209_at	1.33	1.25	1.13	1.30	1.45	1.18	0.83	0.84
1384110_at	1.50	1.12	1.19	1.33	1.42	1.47	1.10	0.99
1384106_at	1.03	1.10	1.14	1.11	1.25	1.05	1.20	1.00
1383610_at	1.37	1.22	1.18	1.22	1.46	1.29	0.93	0.94
1383533_at	1.14	1.16	1.18	1.04	1.01	0.98	1.02	0.95
1383518_at	0.72	0.83	0.61	0.59	0.36	0.69	0.99	1.21
1383439_at	0.42	0.37	0.32	0.08	0.15	0.24	0.45	1.08
1383263_at	0.98	1.03	1.01	0.85	0.79	0.65	0.70	0.79
1383004_at	0.82	0.91	1.04	0.91	0.64	0.72	0.66	0.89

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1382732_at	1.04	0.93	1.33	1.28	1.52	1.26	1.14	0.98
1382266_at	1.73	1.65	1.98	1.40	1.96	1.18	0.98	0.81
1382192_at	1.12	1.01	1.23	1.22	1.61	1.41	1.21	1.07
1382118_at	1.73	1.08	1.27	0.94	1.15	0.79	0.65	0.78
1382031_at	2.11	1.76	1.86	2.04	1.93	1.57	1.51	1.00
1381840_at	1.24	0.96	1.01	0.81	0.90	0.83	0.82	0.74
1381528_at	0.89	0.87	1.05	0.97	1.14	1.14	1.13	1.19
1381469_a_at	1.20	1.01	1.10	1.01	0.87	0.86	0.71	0.77
1381409_at	0.73	0.71	0.47	0.75	0.86	1.09	1.06	1.35
1381157_at	0.89	0.95	1.10	1.12	1.16	1.26	1.08	1.11
1380611_at	1.54	1.08	2.11	1.64	2.14	1.87	1.53	1.19
1380598_at	0.95	0.84	0.95	0.93	1.14	1.20	1.16	1.20
1380306_at	1.75	1.50	1.32	1.75	1.11	1.55	1.44	0.90
1379971_at	1.24	1.23	1.12	0.95	1.08	0.86	0.87	0.82
1379716_at	1.31	1.09	1.03	1.06	2.31	1.86	1.71	1.51
1379477_at	1.12	1.03	1.03	1.01	1.55	1.41	1.17	1.08
1379467_at	1.56	1.27	1.27	1.50	1.49	1.35	1.28	0.94
1379369_at	0.92	1.16	1.06	1.26	1.27	1.36	1.06	1.30
1379051_at	0.87	1.12	1.06	1.18	1.34	1.39	1.31	1.00
1378745_at	3.03	3.05	2.68	2.23	2.09	1.04	0.83	0.51
1378156_at	1.20	1.35	1.26	1.47	1.46	1.37	1.34	1.09
1378105_at	1.12	1.14	1.19	1.02	1.19	1.01	1.13	0.93
1378043_at	1.43	0.80	0.56	0.73	0.60	0.82	0.81	0.59
1378038_at	1.22	0.94	0.99	0.93	0.98	0.93	0.83	0.89
1377982_at	0.75	0.63	0.59	0.50	0.94	0.55	0.85	1.06
1377772_at	1.47	1.34	1.37	0.98	1.36	0.94	0.53	0.64
1377635_at	1.51	1.47	1.61	1.42	1.51	1.53	1.25	0.99
1377608_a_at	0.82	0.98	0.99	0.99	1.03	1.11	1.16	1.07
1376947_at	1.02	1.10	1.21	1.09	1.31	1.13	1.24	1.05
1376858_at	0.75	0.66	0.83	1.02	1.23	1.42	1.38	1.28
1376465_at	1.14	1.20	1.22	1.06	1.10	1.19	1.08	0.99
1376440_at	0.94	1.04	1.13	1.17	1.19	1.24	1.19	1.02
1376177_at	1.28	1.09	1.37	1.11	1.24	1.24	0.91	0.89
1376071_at	0.81	0.70	0.65	0.70	0.69	1.00	1.06	1.18
1375908_at	0.78	0.71	0.64	0.52	0.59	1.09	0.88	1.24
1375760_at	1.54	1.07	1.16	1.23	1.18	1.12	1.09	0.79
1375692_at	1.10	1.11	1.15	1.10	1.12	1.07	1.00	0.90
1375355_at	1.04	1.05	1.01	0.94	0.78	0.66	0.60	0.72
1375209_at	1.41	1.29	1.37	1.17	1.06	1.03	0.99	0.94
1374855_at	4.28	3.78	3.76	3.04	1.83	1.36	0.93	0.48
1374706_at	0.96	1.03	1.03	1.06	1.15	1.08	1.08	1.10
1374681_at	0.76	0.63	0.64	0.58	0.56	0.92	0.77	1.13

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1374531_at	1.36	1.05	1.37	1.17	1.64	1.35	1.06	0.93
1374307_at	1.07	0.99	1.07	1.02	1.26	1.28	1.15	1.05
1374036_at	1.01	0.94	1.17	1.15	1.16	1.20	1.21	1.01
1373960_at	1.73	1.51	1.50	1.02	1.29	1.11	0.80	0.85
1373950_at	1.09	1.19	1.09	1.13	1.26	1.23	1.29	0.86
1373816_at	0.96	0.87	1.05	1.02	1.04	1.10	1.08	1.07
1373718_at	0.91	0.70	0.84	0.79	0.79	0.92	0.98	1.23
1373708_at	0.82	0.75	0.95	0.91	1.29	1.88	1.38	1.68
1373566_at	0.89	0.81	1.07	0.81	1.14	1.08	1.19	1.14
1373542_at	0.73	0.57	0.65	0.67	0.80	1.05	1.14	1.14
1373403_at	1.09	1.04	1.07	1.03	1.41	1.37	1.39	1.07
1373399_at	1.00	0.87	1.05	0.79	0.73	0.85	0.77	0.99
1373239_at	1.54	1.21	1.19	0.93	0.95	0.96	0.79	0.77
1373158_at	2.17	1.66	1.69	1.18	1.80	1.23	0.96	0.84
1373139_at	1.17	1.14	1.30	1.06	1.24	1.05	0.89	0.92
1373114_at	0.75	0.71	0.68	0.55	0.52	0.73	0.70	1.20
1373093_at	1.67	1.46	1.61	1.44	1.19	1.06	1.07	0.99
1372590_at	1.51	1.19	1.17	1.25	1.05	0.78	0.79	0.92
1372491_at	0.92	1.01	1.05	1.01	1.02	1.16	1.16	1.21
1372426_at	1.14	1.01	0.93	1.14	1.26	1.29	1.23	1.10
1372390_at	1.85	1.58	1.44	1.06	1.23	0.80	0.60	0.84
1372091_at	0.70	0.68	0.72	0.68	1.05	1.39	1.59	1.42
1372086_at	0.85	0.55	0.67	0.83	0.87	1.05	1.34	1.20
1371913_at	1.21	1.13	1.28	1.30	1.29	1.16	1.13	1.03
1371864_at	1.79	1.60	1.34	1.40	1.15	1.02	1.12	0.86
1371832_at	0.76	0.66	0.78	0.85	0.84	1.00	1.10	1.14
1371583_at	1.40	1.15	1.42	1.25	1.26	1.06	0.98	0.85
1371505_at	0.91	0.82	0.96	0.94	1.11	1.16	1.07	1.19
1371367_at	0.83	0.86	1.08	0.98	1.08	1.25	1.20	1.21
1371090_at	0.75	0.98	0.93	0.84	0.69	0.61	0.65	0.93
1370991_at	1.16	1.09	1.64	1.13	1.85	1.79	1.79	1.21
1370963_at	0.86	0.89	0.96	1.20	1.43	1.32	1.21	1.34
1370954_at	0.82	0.79	0.83	0.77	1.40	1.37	1.33	1.25
1370912_at	0.48	0.61	0.68	1.23	1.56	1.99	1.33	1.38
1370847_at	0.68	0.74	0.52	0.56	0.54	0.73	0.97	1.42
1370816_at	4.21	3.33	2.31	1.61	1.02	0.31	0.22	0.24
1370570_at	1.04	0.87	0.84	0.70	0.67	0.70	0.80	0.79
1370541_at	2.04	2.95	2.38	2.48	1.66	1.02	0.69	0.40
1370540_at	1.65	2.25	2.47	2.27	0.50	0.64	1.02	0.14
1370510_a_at	0.26	0.34	0.27	0.37	0.34	0.73	1.13	1.31
1370445_at	0.96	1.01	1.02	1.15	1.13	1.22	1.09	1.09
1370283_at	0.88	0.84	0.95	0.97	1.00	1.02	1.02	1.14

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	**11.75**	**12.25**	**13**	**14**	**16**	**18**	**20**	**22**
Probe set ID								
1370266_at	1.05	0.89	0.83	0.75	0.77	0.72	0.84	0.98
1370209_at	1.65	1.63	1.33	1.41	1.07	1.07	1.10	0.80
1369919_at	1.98	1.85	1.51	1.08	1.38	0.44	0.45	0.59
1369433_at	1.09	1.15	1.14	1.10	0.97	0.59	0.34	0.59
1368882_at	1.07	0.81	0.88	0.76	0.70	0.70	0.88	1.01
1368862_at	0.92	1.02	1.07	1.19	1.17	1.07	1.23	1.07
1368852_at	0.84	0.80	1.00	0.90	1.34	1.32	1.10	1.30
1368681_at	0.85	0.95	1.42	1.58	1.61	1.31	1.09	1.10
1368571_at	0.81	0.77	0.67	0.63	0.65	0.82	1.09	1.15
1368527_at	1.40	1.66	2.07	1.59	1.50	1.15	0.76	0.88
1368488_at	0.54	0.59	0.43	0.75	0.75	1.06	1.73	1.75
1368486_at	0.79	0.68	0.67	0.51	1.13	1.20	1.09	1.45
1368304_at	1.48	1.40	1.46	1.33	1.28	1.22	1.04	1.06
1368303_at	1.24	1.44	1.82	1.85	1.90	1.45	1.26	1.08
1368249_at	1.49	1.30	1.16	1.32	1.40	1.12	0.81	0.81
1368200_at	0.60	0.63	0.74	0.76	0.73	0.97	0.88	1.38
1368189_at	0.94	0.82	0.85	0.65	0.64	0.79	0.82	1.01
1368177_at	0.57	0.94	0.80	1.14	1.05	1.44	1.35	1.20
1367857_at	0.91	0.66	0.86	0.75	0.97	0.99	1.26	1.23
1367850_at	0.42	0.34	0.41	0.47	0.80	1.01	1.30	1.65
1367771_at	0.88	0.99	1.08	1.24	1.32	1.26	1.39	1.14
1367568_a_at	1.07	0.99	1.20	1.26	1.08	1.18	1.39	1.20

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1398877_at	1.37	1.39	1.22	1.22	1.22	0.91	0.88	0.82
1398819_at	1.37	1.28	1.33	1.22	0.94	0.76	0.68	0.71
1398662_at	1.61	1.49	1.24	1.23	1.05	0.97	0.89	0.86
1398635_at	0.83	0.92	1.00	0.87	0.68	0.79	0.71	0.97
1398597_at	1.15	1.19	0.96	1.25	1.43	1.95	1.42	1.39
1398434_at	1.11	1.09	0.98	0.96	0.68	0.87	0.70	0.69
1398370_at	0.91	0.80	0.69	0.91	0.78	0.67	0.67	0.78
1398365_at	1.56	1.35	1.14	1.21	1.10	0.91	0.58	0.83
1398255_at	0.80	0.75	0.69	0.63	0.57	0.91	0.75	0.92
1398246_s_at	2.00	1.90	1.94	2.02	1.69	1.74	0.99	0.60
1397766_at	0.77	0.75	0.90	0.87	0.80	0.81	0.64	0.98
1397409_s_at	0.86	0.86	0.97	0.91	0.61	0.61	0.39	0.57
1397251_at	0.76	0.92	0.99	0.93	1.08	1.16	1.30	1.21
1397225_at	0.81	0.52	0.48	0.61	0.71	0.52	0.59	0.91
1396417_at	1.06	1.17	0.98	1.03	0.86	0.64	0.80	0.77
1396053_at	1.02	1.08	1.15	1.34	1.31	1.34	0.93	0.81
1395859_at	1.11	0.86	1.09	1.05	0.63	0.71	0.58	0.73
1395663_at	1.19	1.20	1.14	1.16	1.18	1.34	1.02	1.03
1395629_at	1.00	1.23	1.18	1.43	1.77	1.96	1.59	1.33
1395377_at	0.79	0.84	1.05	0.79	1.08	1.18	1.21	1.35
1394824_at	1.36	1.18	1.05	1.03	1.04	0.95	0.80	0.82
1393917_at	1.24	0.94	0.79	0.89	0.57	0.80	0.48	0.53
1393730_at	1.68	1.56	1.28	1.32	1.26	1.39	1.21	0.95
1393696_at	1.31	1.26	1.37	1.18	0.99	0.87	0.84	0.90
1393647_at	1.04	0.96	0.85	0.88	0.87	0.93	0.92	0.93
1393610_at	0.85	0.90	0.85	0.93	0.87	1.11	1.11	1.12
1393568_at	1.14	1.13	1.19	1.09	1.25	0.98	1.11	0.95
1393075_at	1.39	1.29	1.47	0.92	1.09	1.06	0.76	0.52
1392996_at	0.66	0.65	0.76	0.82	0.90	0.90	0.75	1.14
1392927_at	1.13	1.02	0.90	0.94	0.77	0.92	0.74	0.90
1392640_at	2.05	1.92	1.43	1.43	1.37	0.87	0.59	0.43
1392579_at	1.51	1.47	1.27	1.26	1.58	1.13	0.83	0.80
1392557_at	1.01	0.78	0.71	0.99	0.57	0.72	0.62	0.81
1392510_at	1.02	0.82	0.85	0.66	0.73	0.80	0.94	0.88
1392344_at	0.93	0.90	0.81	0.83	0.97	0.99	0.97	1.24
1392149_at	0.59	0.60	0.71	0.61	0.50	0.80	0.84	1.39
1391808_at	1.33	1.35	1.24	1.29	0.94	1.20	1.21	0.98
1391577_at	1.11	1.12	1.09	1.08	1.04	0.96	0.94	0.88
1391553_at	0.86	0.93	1.25	1.38	1.22	1.20	1.46	1.41
1391208_at	0.73	0.70	0.64	0.48	0.37	0.78	0.54	0.97
1391187_at	0.74	0.74	0.53	0.64	0.40	0.58	0.51	0.70
1390828_at	0.74	0.58	0.66	0.73	0.53	0.71	0.66	0.94

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1390819_at	0.72	0.75	0.69	0.54	0.62	0.52	0.63	1.04
1390628_at	1.44	1.42	1.14	1.21	1.82	1.27	1.10	0.97
1390430_at	0.34	0.33	0.26	0.34	0.41	0.55	0.95	2.02
1390010_at	1.00	0.97	0.97	0.93	0.80	0.82	0.86	0.95
1389911_at	0.89	0.85	0.75	0.78	0.72	0.94	0.88	1.22
1389844_at	1.28	1.37	1.15	1.16	1.03	0.87	0.72	0.87
1389456_at	1.13	1.31	1.29	1.10	1.17	1.15	1.07	1.15
1389284_at	1.53	1.92	0.97	1.59	1.36	1.89	1.20	1.26
1389199_at	1.50	1.27	1.63	1.46	0.99	1.12	1.04	0.89
1389020_at	1.42	1.24	0.84	0.88	0.84	0.93	0.66	0.72
1388949_at	0.80	0.84	0.64	0.97	0.75	0.88	0.80	0.99
1388945_at	1.02	1.04	0.98	0.96	0.81	0.82	0.77	0.93
1388901_at	0.98	0.74	0.65	0.79	0.77	0.64	0.64	0.72
1388898_at	1.47	1.41	1.39	1.48	1.25	0.78	0.65	0.64
1388674_at	1.16	1.21	1.34	1.09	1.21	1.20	1.00	0.83
1388525_at	0.82	0.73	0.52	0.69	0.70	0.61	0.75	1.32
1388064_a_at	0.85	0.90	0.90	1.10	1.23	1.25	1.27	1.42
1388002_at	0.86	1.08	1.18	1.05	1.34	1.38	1.48	1.46
1387874_at	0.43	0.35	0.31	0.28	0.27	0.27	0.56	1.79
1387631_at	1.33	1.10	1.18	1.52	1.12	1.09	1.07	1.02
1386833_at	0.90	1.01	1.18	1.20	1.04	1.46	1.18	1.09
1386832_a_at	0.89	1.07	1.18	1.11	1.05	1.46	1.24	1.20
1386641_at	0.86	0.83	0.52	0.53	0.97	0.54	0.65	0.89
1386566_at	0.80	0.95	1.06	1.19	1.03	1.16	1.08	1.14
1386097_at	0.76	0.67	0.83	0.91	0.93	1.12	1.15	1.28
1385973_at	0.53	0.43	0.32	0.21	0.18	0.08	0.17	0.11
1385904_at	0.78	0.64	0.77	0.72	0.91	1.18	1.26	1.31
1385585_at	0.91	0.96	0.51	0.64	0.80	0.47	0.55	0.84
1385382_at	1.23	1.04	1.15	1.61	1.52	2.08	2.21	1.72
1385374_at	0.87	0.89	0.74	0.79	0.75	0.61	0.66	0.98
1385229_at	0.79	0.73	0.59	0.46	0.46	0.89	0.54	1.10
1385149_at	1.31	1.10	1.11	0.89	0.92	0.75	0.74	0.94
1384386_at	0.84	0.79	0.97	0.99	0.92	1.45	1.59	1.61
1384209_at	0.41	0.70	0.86	0.57	0.49	0.59	0.87	0.73
1384110_at	0.79	0.91	0.73	0.83	0.61	0.63	0.51	1.10
1384106_at	0.94	0.95	0.95	0.92	0.85	0.78	0.77	0.98
1383610_at	1.03	0.94	0.79	0.93	0.60	0.76	0.78	0.89
1383533_at	0.88	0.98	0.86	0.90	0.89	0.93	0.96	1.20
1383518_at	1.29	1.50	1.27	1.36	1.45	1.30	1.08	1.01
1383439_at	1.30	1.76	2.45	1.58	2.12	2.06	2.04	1.20
1383263_at	0.94	0.97	0.72	0.96	1.10	1.21	1.21	1.16
1383004_at	0.73	0.98	1.15	1.08	1.14	1.20	1.31	1.12

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1382732_at	1.04	0.85	0.82	1.03	0.59	0.70	0.56	0.54
1382266_at	0.71	0.79	0.69	0.57	0.70	0.80	0.68	1.28
1382192_at	1.11	0.95	0.84	0.97	0.65	0.75	0.59	0.66
1382118_at	0.68	0.60	0.61	0.55	0.82	1.47	1.30	1.55
1382031_at	0.82	0.75	1.08	0.38	0.48	0.41	0.53	0.51
1381840_at	0.80	0.73	0.98	1.05	0.99	1.20	1.20	1.39
1381528_at	1.18	1.23	0.91	1.05	0.94	0.81	0.86	0.82
1381469_a_at	0.91	0.72	0.99	0.90	0.99	1.19	1.18	1.36
1381409_at	1.18	1.44	1.15	1.24	1.34	1.62	1.17	1.26
1381157_at	1.03	0.90	0.84	0.73	0.66	0.77	0.77	0.84
1380611_at	1.09	0.77	0.72	0.93	0.69	0.57	0.57	0.65
1380598_at	1.39	1.44	1.28	1.25	1.00	1.07	0.90	0.84
1380306_at	0.68	0.55	0.36	0.46	0.56	0.50	0.54	0.67
1379971_at	0.67	0.86	1.03	0.73	0.97	0.99	1.10	1.40
1379716_at	1.28	1.14	0.68	0.84	0.66	0.80	0.53	0.62
1379477_at	1.11	0.97	0.87	0.81	0.93	0.76	0.60	0.71
1379467_at	0.69	0.52	1.10	0.59	0.74	0.59	0.68	0.64
1379369_at	1.18	0.99	1.02	0.86	0.87	0.72	0.78	0.94
1379051_at	1.12	0.75	0.80	0.83	0.96	0.72	0.63	0.73
1378745_at	0.34	0.35	0.20	0.26	0.22	0.60	1.07	1.89
1378156_at	0.72	0.81	0.95	0.73	0.80	0.64	0.69	0.66
1378105_at	0.89	0.99	0.84	0.83	0.81	0.76	0.79	0.93
1378043_at	0.48	1.26	2.00	2.01	3.76	2.81	3.50	2.57
1378038_at	0.92	0.80	1.02	1.13	1.10	1.25	1.37	1.36
1377982_at	1.15	1.25	1.11	1.28	1.09	1.53	1.28	0.99
1377772_at	0.74	0.75	0.63	0.61	0.52	0.93	0.75	1.71
1377635_at	0.84	0.71	1.03	0.52	0.49	0.47	0.60	0.70
1377608_a_at	1.18	1.08	1.07	1.01	1.04	0.85	0.83	0.96
1376947_at	1.14	0.99	1.04	1.11	0.84	0.78	0.72	0.86
1376858_at	1.45	1.34	1.39	1.30	0.94	0.94	1.03	0.80
1376465_at	0.99	0.83	0.75	0.80	0.76	0.91	0.84	1.07
1376440_at	1.08	1.04	0.91	0.87	0.94	0.87	0.79	1.01
1376177_at	0.92	0.89	0.73	0.77	0.77	0.81	0.66	0.88
1376071_at	1.27	1.24	1.14	1.23	1.05	1.36	1.19	1.05
1375908_at	1.33	1.42	1.12	1.23	1.38	1.61	1.12	1.34
1375760_at	0.68	0.81	0.73	0.62	0.75	0.91	0.82	1.02
1375692_at	0.98	0.95	0.91	0.93	0.95	0.86	0.92	1.10
1375355_at	0.60	0.74	0.88	0.87	1.41	1.15	1.54	1.07
1375209_at	0.94	0.98	0.88	0.87	0.83	0.89	0.84	1.05
1374855_at	0.43	0.22	0.67	0.58	0.60	0.28	0.36	0.70
1374706_at	1.02	1.07	0.96	0.92	0.84	0.90	0.83	0.95
1374681_at	1.12	1.21	1.11	1.29	1.17	1.63	1.33	1.02

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1374531_at	0.99	0.82	0.97	0.87	0.80	0.71	0.72	0.82
1374307_at	1.23	0.97	0.81	0.88	0.79	0.79	0.72	0.87
1374036_at	1.07	0.94	0.76	0.98	0.72	0.84	0.84	0.82
1373960_at	0.92	0.83	0.78	0.76	0.74	0.86	0.83	1.21
1373950_at	0.93	1.00	0.88	0.81	0.92	0.81	0.90	0.97
1373816_at	1.05	1.13	1.05	1.04	0.99	0.87	0.87	0.86
1373718_at	1.34	1.33	1.29	1.34	1.55	1.59	1.17	0.81
1373708_at	1.55	1.52	1.15	1.06	1.08	0.82	0.71	0.73
1373566_at	1.28	1.09	1.05	1.16	1.00	0.91	0.79	0.76
1373542_at	1.41	1.29	1.21	1.21	1.19	1.24	1.08	0.79
1373403_at	1.09	1.06	0.80	0.83	0.83	0.80	0.74	1.02
1373399_at	1.08	1.10	1.01	1.07	1.03	1.41	1.26	1.17
1373239_at	0.80	0.88	1.05	0.85	0.84	1.05	1.09	1.30
1373158_at	0.80	0.74	0.82	0.72	0.62	0.76	0.79	1.20
1373139_at	0.94	0.85	0.87	0.88	0.88	0.79	0.70	0.87
1373114_at	1.38	1.33	1.29	1.82	1.42	1.79	1.45	1.38
1373093_at	1.01	0.84	0.83	0.87	0.55	0.64	0.73	0.86
1372590_at	0.85	0.73	0.96	0.87	0.84	1.14	1.20	1.08
1372491_at	1.16	1.07	0.95	1.00	0.91	0.82	0.79	0.94
1372426_at	1.09	1.12	0.71	0.84	0.80	0.83	0.64	0.84
1372390_at	0.80	0.66	0.65	0.79	0.59	0.91	0.99	1.42
1372091_at	1.68	1.49	0.99	1.16	1.59	1.18	0.95	0.59
1372086_at	1.03	1.34	1.29	1.14	1.22	1.49	0.97	0.71
1371913_at	1.04	0.88	0.69	0.87	0.64	0.81	0.61	0.84
1371864_at	0.89	0.80	0.64	0.76	0.70	0.73	0.70	1.15
1371832_at	1.39	1.42	1.16	1.20	1.34	1.10	1.02	0.78
1371583_at	0.86	0.78	0.66	0.89	0.77	1.07	0.91	1.02
1371505_at	1.25	1.23	1.26	1.25	1.01	1.03	0.91	0.86
1371367_at	1.37	1.22	1.20	1.31	0.92	0.89	0.84	0.78
1371090_at	0.84	0.91	1.24	1.30	1.26	1.24	1.07	1.08
1370991_at	1.33	0.98	0.63	0.79	0.93	0.17	0.12	0.56
1370963_at	1.27	1.06	1.08	1.12	0.94	1.01	0.64	0.74
1370954_at	1.54	1.34	1.14	1.22	1.08	0.86	0.73	0.65
1370912_at	1.27	1.20	1.38	1.06	0.99	0.38	0.45	0.46
1370847_at	2.04	1.48	1.19	1.37	1.39	1.63	1.11	1.15
1370816_at	0.17	0.14	0.25	0.16	0.55	0.72	2.00	4.60
1370570_at	0.81	0.78	1.07	1.11	1.29	1.39	1.33	1.19
1370541_at	0.35	0.41	0.39	0.41	0.44	0.57	0.85	1.93
1370540_at	0.72	0.24	0.27	0.43	0.30	0.69	0.95	2.25
1370510_a_at	1.83	1.91	2.18	1.76	1.77	1.53	1.38	0.89
1370445_at	1.03	1.03	0.94	1.02	0.95	0.82	0.82	0.85
1370283_at	1.22	1.26	1.07	1.23	1.07	1.08	0.79	0.80

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1370266_at	0.95	0.92	1.05	1.18	1.62	1.53	1.62	1.36
1370209_at	0.81	0.81	0.57	0.66	0.77	0.80	0.81	1.25
1369919_at	0.20	0.38	0.03	0.46	0.87	0.74	1.33	1.55
1369433_at	0.69	0.68	0.54	0.90	0.82	0.76	1.05	0.89
1368882_at	0.87	1.27	1.37	1.15	1.33	1.41	1.20	1.32
1368862_at	1.20	1.13	0.94	0.97	0.96	0.79	0.80	0.79
1368852_at	1.47	1.36	1.29	1.42	1.12	0.87	0.70	0.81
1368681_at	1.10	1.06	0.65	0.96	0.63	0.44	0.50	0.72
1368571_at	1.41	1.50	1.09	1.51	1.39	1.59	1.20	0.92
1368527_at	0.93	0.89	0.67	0.90	0.61	0.49	0.51	0.91
1368488_at	2.62	1.91	1.50	1.53	2.06	1.22	1.06	0.59
1368486_at	1.58	1.49	1.33	1.35	1.31	1.26	0.85	0.77
1368304_at	1.07	0.85	0.77	0.78	0.57	0.48	0.56	0.83
1368303_at	0.97	0.81	0.78	0.57	0.28	0.13	0.19	0.38
1368249_at	0.63	0.76	0.73	0.57	0.68	0.59	0.54	1.21
1368200_at	1.17	1.44	1.63	1.22	1.22	1.34	1.29	0.98
1368189_at	1.29	1.21	1.67	1.38	1.60	1.61	1.24	0.84
1368177_at	1.20	1.13	1.20	1.03	1.05	0.79	0.75	0.74
1367857_at	1.25	1.23	1.29	1.10	1.02	1.09	1.06	0.70
1367850_at	1.61	1.56	1.87	1.69	1.62	1.46	0.93	0.57
1367771_at	1.02	1.07	0.90	0.84	0.86	0.48	0.53	0.61
1367568_a_at	1.25	1.12	0.90	0.86	0.74	0.78	0.72	0.69

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1398877_at	0.69	0.88	0.77	0.88	0.83	0.90	1.05	1.13
1398819_at	0.79	0.93	0.87	0.79	1.08	0.95	1.26	1.31
1398662_at	0.85	0.64	0.67	0.69	0.86	1.26	1.11	1.30
1398635_at	1.34	1.31	1.79	1.42	1.78	1.44	1.20	1.30
1398597_at	1.07	0.90	1.03	0.68	0.67	0.53	0.58	0.68
1398434_at	0.71	0.79	0.83	0.97	1.06	0.97	1.11	1.16
1398370_at	0.89	1.20	1.31	1.20	1.40	1.28	1.50	1.24
1398365_at	0.61	0.89	0.80	0.75	0.80	1.10	1.33	1.41
1398255_at	1.15	1.48	1.49	1.29	1.31	1.20	1.17	1.06
1398246_s_at	0.61	0.68	0.55	0.42	0.49	0.55	0.85	1.26
1397766_at	1.15	1.18	1.29	1.16	1.40	1.15	1.36	1.05
1397409_s_at	0.80	1.15	1.10	1.19	1.45	1.34	1.16	1.16
1397251_at	1.15	1.20	1.16	0.92	0.97	0.88	0.85	0.92
1397225_at	0.92	1.46	1.84	1.48	1.06	1.42	1.30	1.49
1396417_at	0.85	0.84	0.92	0.98	1.09	0.95	1.12	1.26
1396053_at	0.91	0.86	0.83	0.70	0.80	0.84	0.77	1.01
1395859_at	0.87	1.01	1.04	1.07	1.25	1.30	1.40	1.14
1395663_at	0.94	0.90	0.92	0.73	0.65	0.64	0.78	1.09
1395629_at	1.09	0.70	0.87	0.64	0.68	0.73	0.61	0.70
1395377_at	1.13	1.20	1.03	1.10	0.98	1.04	0.88	0.83
1394824_at	0.69	0.86	0.82	0.82	0.77	1.00	1.42	1.47
1393917_at	0.73	0.98	1.25	0.84	1.21	1.30	1.63	1.54
1393730_at	0.75	0.54	0.48	0.40	0.34	0.38	0.47	0.87
1393696_at	0.77	0.87	0.75	0.82	0.82	1.10	1.07	1.33
1393647_at	0.95	1.09	1.12	1.06	1.13	1.10	1.09	1.10
1393610_at	1.26	1.16	1.45	1.31	1.09	1.17	0.95	0.81
1393568_at	0.86	0.90	0.85	0.89	0.90	0.88	0.81	0.85
1393075_at	0.50	0.28	0.29	0.56	0.51	0.96	0.89	1.40
1392996_at	1.28	1.59	1.61	1.42	1.68	1.17	1.50	0.90
1392927_at	0.92	0.91	1.12	1.10	1.27	1.26	1.28	1.20
1392640_at	0.45	0.50	0.54	0.66	0.86	0.95	1.03	1.34
1392579_at	0.61	0.61	0.56	0.70	0.67	0.66	1.00	1.27
1392557_at	0.89	1.07	1.02	1.26	1.48	1.24	1.33	1.26
1392510_at	1.16	1.13	0.98	1.54	1.36	1.39	1.22	1.32
1392344_at	1.30	1.33	1.31	1.06	1.05	1.12	1.09	1.05
1392149_at	1.70	2.32	2.49	1.92	1.48	1.45	1.49	1.08
1391808_at	0.98	0.86	0.68	0.68	0.81	0.78	0.87	1.14
1391577_at	0.82	0.94	0.91	0.95	1.03	1.01	0.97	1.05
1391553_at	1.37	1.20	1.05	1.19	0.82	0.98	0.93	0.82
1391208_at	1.17	0.89	1.13	1.21	1.50	1.55	1.33	1.28
1391187_at	1.21	1.64	1.46	1.36	1.59	2.17	1.36	1.19
1390828_at	0.93	1.37	1.41	1.15	1.22	1.14	1.07	1.04

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1390819_at	1.24	1.56	1.76	1.93	1.46	1.83	1.41	1.22
1390628_at	0.69	0.67	0.70	0.78	0.66	0.70	0.72	1.06
1390430_at	1.88	2.25	2.05	2.75	1.99	2.10	1.48	0.89
1390010_at	1.01	0.96	1.13	0.97	1.14	1.03	1.12	1.18
1389911_at	1.46	1.75	1.82	1.37	1.37	1.24	1.12	1.02
1389844_at	0.60	0.78	0.76	1.00	0.87	0.96	1.10	1.12
1389456_at	0.81	0.89	0.83	0.77	0.71	0.68	0.68	0.94
1389284_at	0.76	0.99	0.79	0.58	0.53	0.49	0.56	0.91
1389199_at	0.73	0.76	0.59	0.72	0.93	0.75	0.94	1.12
1389020_at	0.79	0.99	0.91	0.93	0.99	1.06	1.20	1.24
1388949_at	1.18	1.18	1.37	1.13	1.27	1.16	1.16	1.15
1388945_at	1.06	1.07	1.22	1.07	1.29	1.10	1.39	1.15
1388901_at	0.83	1.21	1.69	1.26	1.70	1.47	1.90	1.46
1388898_at	0.55	0.62	0.54	0.83	0.80	0.80	0.98	1.23
1388674_at	0.62	0.60	0.86	0.84	0.60	1.00	0.85	0.99
1388525_at	1.31	1.29	1.38	1.46	1.08	1.26	1.20	1.07
1388064_a_at	1.15	1.25	1.28	0.91	0.93	0.75	0.78	0.73
1388002_at	0.98	0.92	0.93	0.86	0.93	0.84	0.60	0.68
1387874_at	2.51	4.25	4.53	4.10	3.35	3.02	2.55	0.95
1387631_at	0.91	0.72	0.71	0.56	0.66	0.73	0.71	1.02
1386833_at	1.16	1.12	0.92	0.84	0.76	0.76	0.73	0.82
1386832_a_at	1.14	1.22	0.98	0.88	0.88	0.82	0.63	0.89
1386641_at	0.82	0.87	1.07	1.34	1.26	1.55	1.67	1.37
1386566_at	1.15	1.01	0.99	0.90	0.99	0.90	0.89	0.78
1386097_at	1.24	1.16	1.34	0.90	1.19	1.09	0.99	0.62
1385973_at	0.41	1.85	2.89	2.33	2.73	2.52	3.96	3.01
1385904_at	1.18	1.47	1.33	1.26	1.03	1.00	0.83	0.83
1385585_at	0.73	1.01	1.17	1.32	1.19	1.41	1.28	1.29
1385382_at	0.98	0.67	0.69	0.43	0.72	0.66	0.80	0.62
1385374_at	0.98	1.30	1.33	1.22	1.46	1.04	1.29	1.38
1385229_at	1.18	1.24	1.21	1.66	1.33	1.21	1.13	1.05
1385149_at	0.89	0.92	0.93	0.92	1.07	0.92	1.14	1.20
1384386_at	1.40	1.01	1.09	1.00	0.89	0.79	0.79	0.88
1384209_at	1.31	1.39	1.33	1.25	1.13	1.30	1.45	1.18
1384110_at	0.93	1.15	1.50	1.12	1.19	1.33	1.42	1.47
1384106_at	0.97	1.04	1.03	1.10	1.14	1.11	1.25	1.05
1383610_at	0.90	1.13	1.37	1.22	1.18	1.22	1.46	1.29
1383533_at	1.15	1.25	1.14	1.16	1.18	1.04	1.01	0.98
1383518_at	0.78	0.83	0.72	0.83	0.61	0.59	0.36	0.69
1383439_at	0.80	0.51	0.42	0.37	0.32	0.08	0.15	0.24
1383263_at	1.25	1.24	0.98	1.03	1.01	0.85	0.79	0.65
1383004_at	1.10	1.07	0.82	0.91	1.04	0.91	0.64	0.72

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1382732_at	0.75	1.15	1.04	0.93	1.33	1.28	1.52	1.26
1382266_at	1.40	1.72	1.73	1.65	1.98	1.40	1.96	1.18
1382192_at	0.80	1.16	1.12	1.01	1.23	1.22	1.61	1.41
1382118_at	1.69	1.53	1.73	1.08	1.27	0.94	1.15	0.79
1382031_at	0.94	1.35	2.11	1.76	1.86	2.04	1.93	1.57
1381840_at	1.24	1.03	1.24	0.96	1.01	0.81	0.90	0.83
1381528_at	0.75	0.92	0.89	0.87	1.05	0.97	1.14	1.14
1381469_a_at	1.28	1.23	1.20	1.01	1.10	1.01	0.87	0.86
1381409_at	0.76	0.68	0.73	0.71	0.47	0.75	0.86	1.09
1381157_at	0.94	1.12	0.89	0.95	1.10	1.12	1.16	1.26
1380611_at	0.73	1.13	1.54	1.08	2.11	1.64	2.14	1.87
1380598_at	0.80	0.94	0.95	0.84	0.95	0.93	1.14	1.20
1380306_at	0.95	1.38	1.75	1.50	1.32	1.75	1.11	1.55
1379971_at	1.31	1.28	1.24	1.23	1.12	0.95	1.08	0.86
1379716_at	0.78	1.00	1.31	1.09	1.03	1.06	2.31	1.86
1379477_at	0.78	1.11	1.12	1.03	1.03	1.01	1.55	1.41
1379467_at	0.74	0.99	1.56	1.27	1.27	1.50	1.49	1.35
1379369_at	0.87	0.99	0.92	1.16	1.06	1.26	1.27	1.36
1379051_at	0.98	1.01	0.87	1.12	1.06	1.18	1.34	1.39
1378745_at	2.20	3.04	3.03	3.05	2.68	2.23	2.09	1.04
1378156_at	0.99	0.94	1.20	1.35	1.26	1.47	1.46	1.37
1378105_at	0.99	1.24	1.12	1.14	1.19	1.02	1.19	1.01
1378043_at	1.57	1.01	1.43	0.80	0.56	0.73	0.60	0.82
1378038_at	1.22	1.24	1.22	0.94	0.99	0.93	0.98	0.93
1377982_at	0.78	0.83	0.75	0.63	0.59	0.50	0.94	0.55
1377772_at	1.30	1.34	1.47	1.34	1.37	0.98	1.36	0.94
1377635_at	0.99	1.18	1.51	1.47	1.61	1.42	1.51	1.53
1377608_a_at	0.80	0.87	0.82	0.98	0.99	0.99	1.03	1.11
1376947_at	0.87	0.98	1.02	1.10	1.21	1.09	1.31	1.13
1376858_at	0.85	0.81	0.75	0.66	0.83	1.02	1.23	1.42
1376465_at	1.09	1.21	1.14	1.20	1.22	1.06	1.10	1.19
1376440_at	0.92	0.98	0.94	1.04	1.13	1.17	1.19	1.24
1376177_at	1.06	1.26	1.28	1.09	1.37	1.11	1.24	1.24
1376071_at	0.93	0.88	0.81	0.70	0.65	0.70	0.69	1.00
1375908_at	0.99	0.84	0.78	0.71	0.64	0.52	0.59	1.09
1375760_at	0.95	1.25	1.54	1.07	1.16	1.23	1.18	1.12
1375692_at	0.99	1.02	1.10	1.11	1.15	1.10	1.12	1.07
1375355_at	1.52	1.20	1.04	1.05	1.01	0.94	0.78	0.66
1375209_at	1.18	1.33	1.41	1.29	1.37	1.17	1.06	1.03
1374855_at	2.29	3.81	4.28	3.78	3.76	3.04	1.83	1.36
1374706_at	0.90	0.91	0.96	1.03	1.03	1.06	1.15	1.08
1374681_at	0.91	0.76	0.76	0.63	0.64	0.58	0.56	0.92

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1374531_at	0.98	1.25	1.36	1.05	1.37	1.17	1.64	1.35
1374307_at	0.87	1.07	1.07	0.99	1.07	1.02	1.26	1.28
1374036_at	0.83	0.95	1.01	0.94	1.17	1.15	1.16	1.20
1373960_at	1.27	1.62	1.73	1.51	1.50	1.02	1.29	1.11
1373950_at	0.96	1.00	1.09	1.19	1.09	1.13	1.26	1.23
1373816_at	0.83	1.01	0.96	0.87	1.05	1.02	1.04	1.10
1373718_at	0.74	0.89	0.91	0.70	0.84	0.79	0.79	0.92
1373708_at	0.65	0.79	0.82	0.75	0.95	0.91	1.29	1.88
1373566_at	0.86	0.83	0.89	0.81	1.07	0.81	1.14	1.08
1373542_at	0.70	0.72	0.73	0.57	0.65	0.67	0.80	1.05
1373403_at	1.02	0.92	1.09	1.04	1.07	1.03	1.41	1.37
1373399_at	0.99	0.96	1.00	0.87	1.05	0.79	0.73	0.85
1373239_at	1.51	1.45	1.54	1.21	1.19	0.93	0.95	0.96
1373158_at	1.42	1.76	2.17	1.66	1.69	1.18	1.80	1.23
1373139_at	0.96	1.10	1.17	1.14	1.30	1.06	1.24	1.05
1373114_at	0.92	0.83	0.75	0.71	0.68	0.55	0.52	0.73
1373093_at	1.11	1.33	1.67	1.46	1.61	1.44	1.19	1.06
1372590_at	1.25	1.20	1.51	1.19	1.17	1.25	1.05	0.78
1372491_at	0.84	0.90	0.92	1.01	1.05	1.01	1.02	1.16
1372426_at	0.86	1.10	1.14	1.01	0.93	1.14	1.26	1.29
1372390_at	1.65	1.85	1.85	1.58	1.44	1.06	1.23	0.80
1372091_at	0.53	0.68	0.70	0.68	0.72	0.68	1.05	1.39
1372086_at	0.70	0.66	0.85	0.55	0.67	0.83	0.87	1.05
1371913_at	1.00	1.26	1.21	1.13	1.28	1.30	1.29	1.16
1371864_at	1.08	1.43	1.79	1.60	1.34	1.40	1.15	1.02
1371832_at	0.61	0.85	0.76	0.66	0.78	0.85	0.84	1.00
1371583_at	1.25	1.32	1.40	1.15	1.42	1.25	1.26	1.06
1371505_at	0.84	0.92	0.91	0.82	0.96	0.94	1.11	1.16
1371367_at	0.77	0.87	0.83	0.86	1.08	0.98	1.08	1.25
1371090_at	1.10	1.00	0.75	0.98	0.93	0.84	0.69	0.61
1370991_at	0.89	0.99	1.16	1.09	1.64	1.13	1.85	1.79
1370963_at	0.71	1.01	0.86	0.89	0.96	1.20	1.43	1.32
1370954_at	0.74	0.93	0.82	0.79	0.83	0.77	1.40	1.37
1370912_at	0.44	0.43	0.48	0.61	0.68	1.23	1.56	1.99
1370847_at	0.96	0.99	0.68	0.74	0.52	0.56	0.54	0.73
1370816_at	4.44	4.20	4.21	3.33	2.31	1.61	1.02	0.31
1370570_at	1.32	1.14	1.04	0.87	0.84	0.70	0.67	0.70
1370541_at	2.01	2.64	2.04	2.95	2.38	2.48	1.66	1.02
1370540_at	1.76	1.86	1.65	2.25	2.47	2.27	0.50	0.64
1370510_a_at	0.46	0.35	0.26	0.34	0.27	0.37	0.34	0.73
1370445_at	0.93	1.00	0.96	1.01	1.02	1.15	1.13	1.22
1370283_at	0.78	0.92	0.88	0.84	0.95	0.97	1.00	1.02

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	**34**	**35**	**35.75**	**36.25**	**37**	**38**	**40**	**42**
Probe set ID								
1370266_at	1.33	1.01	1.05	0.89	0.83	0.75	0.77	0.72
1370209_at	1.21	1.59	1.65	1.63	1.33	1.41	1.07	1.07
1369919_at	1.91	1.78	1.98	1.85	1.51	1.08	1.38	0.44
1369433_at	1.32	1.18	1.09	1.15	1.14	1.10	0.97	0.59
1368882_at	1.08	0.93	1.07	0.81	0.88	0.76	0.70	0.70
1368862_at	0.80	0.90	0.92	1.02	1.07	1.19	1.17	1.07
1368852_at	0.86	0.91	0.84	0.80	1.00	0.90	1.34	1.32
1368681_at	0.58	1.03	0.85	0.95	1.42	1.58	1.61	1.31
1368571_at	0.85	0.89	0.81	0.77	0.67	0.63	0.65	0.82
1368527_at	1.20	1.19	1.40	1.66	2.07	1.59	1.50	1.15
1368488_at	0.32	0.47	0.54	0.59	0.43	0.75	0.75	1.06
1368486_at	0.67	0.74	0.79	0.68	0.67	0.51	1.13	1.20
1368304_at	1.05	1.26	1.48	1.40	1.46	1.33	1.28	1.22
1368303_at	0.69	1.05	1.24	1.44	1.82	1.85	1.90	1.45
1368249_at	1.02	1.56	1.49	1.30	1.16	1.32	1.40	1.12
1368200_at	0.84	0.40	0.60	0.63	0.74	0.76	0.73	0.97
1368189_at	0.78	0.90	0.94	0.82	0.85	0.65	0.64	0.79
1368177_at	0.60	0.70	0.57	0.94	0.80	1.14	1.05	1.44
1367857_at	0.72	0.94	0.91	0.66	0.86	0.75	0.97	0.99
1367850_at	0.58	0.66	0.42	0.34	0.41	0.47	0.80	1.01
1367771_at	0.56	0.82	0.88	0.99	1.08	1.24	1.32	1.26
1367568_a_at	0.69	0.96	1.07	0.99	1.20	1.26	1.08	1.18

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	44	46	47	47.75
Probe set ID				
1398877_at	1.21	1.21	1.37	1.39
1398819_at	1.15	1.22	1.37	1.28
1398662_at	1.36	1.40	1.61	1.49
1398635_at	0.88	0.98	0.83	0.92
1398597_at	0.76	0.90	1.15	1.19
1398434_at	1.10	1.07	1.11	1.09
1398370_at	1.08	1.06	0.91	0.80
1398365_at	1.41	1.53	1.56	1.35
1398255_at	0.89	0.87	0.80	0.75
1398246_s_at	1.33	1.80	2.00	1.90
1397766_at	1.02	0.83	0.77	0.75
1397409_s_at	1.06	0.94	0.86	0.86
1397251_at	0.88	0.91	0.76	0.92
1397225_at	1.44	1.08	0.81	0.52
1396417_at	1.26	1.08	1.06	1.17
1396053_at	0.97	1.14	1.02	1.08
1395859_at	1.28	1.05	1.11	0.86
1395663_at	1.05	1.26	1.19	1.20
1395629_at	0.93	0.94	1.00	1.23
1395377_at	0.82	0.82	0.79	0.84
1394824_at	1.50	1.21	1.36	1.18
1393917_at	1.52	1.26	1.24	0.94
1393730_at	1.10	1.38	1.68	1.56
1393696_at	1.41	1.20	1.31	1.26
1393647_at	1.02	0.91	1.04	0.96
1393610_at	0.88	0.83	0.85	0.90
1393568_at	1.12	0.99	1.14	1.13
1393075_at	1.26	1.68	1.39	1.29
1392996_at	0.54	0.71	0.66	0.65
1392927_at	1.22	1.23	1.13	1.02
1392640_at	1.50	1.67	2.05	1.92
1392579_at	1.24	1.62	1.51	1.47
1392557_at	1.03	0.91	1.01	0.78
1392510_at	1.19	0.96	1.02	0.82
1392344_at	0.89	0.82	0.93	0.90
1392149_at	0.74	0.80	0.59	0.60
1391808_at	1.09	1.22	1.33	1.35
1391577_at	1.05	1.08	1.11	1.12
1391553_at	0.81	0.83	0.86	0.93
1391208_at	1.11	0.91	0.73	0.70
1391187_at	0.77	0.75	0.74	0.74
1390828_at	1.23	1.00	0.74	0.58

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	44	46	47	47.75
Probe set ID				
1390819_at	0.93	0.83	0.72	0.75
1390628_at	1.18	1.32	1.44	1.42
1390430_at	0.69	0.37	0.34	0.33
1390010_at	1.04	1.02	1.00	0.97
1389911_at	0.79	0.93	0.89	0.85
1389844_at	1.21	1.18	1.28	1.37
1389456_at	1.00	1.18	1.13	1.31
1389284_at	0.96	1.23	1.53	1.92
1389199_at	1.13	1.19	1.50	1.27
1389020_at	1.37	1.34	1.42	1.24
1388949_at	0.98	0.87	0.80	0.84
1388945_at	1.05	1.01	1.02	1.04
1388901_at	1.44	0.94	0.98	0.74
1388898_at	1.19	1.20	1.47	1.41
1388674_at	1.36	1.35	1.16	1.21
1388525_at	1.02	0.79	0.82	0.73
1388064_a_at	0.76	0.88	0.85	0.90
1388002_at	0.62	0.79	0.86	1.08
1387874_at	0.65	0.44	0.43	0.35
1387631_at	1.12	1.22	1.33	1.10
1386833_at	0.90	0.94	0.90	1.01
1386832_a_at	0.62	0.97	0.89	1.07
1386641_at	1.15	0.85	0.86	0.83
1386566_at	0.72	0.83	0.80	0.95
1386097_at	0.71	0.91	0.76	0.67
1385973_at	1.61	0.35	0.53	0.43
1385904_at	0.93	0.86	0.78	0.64
1385585_at	1.20	0.97	0.91	0.96
1385382_at	0.84	0.95	1.23	1.04
1385374_at	0.99	1.06	0.87	0.89
1385229_at	0.98	0.85	0.79	0.73
1385149_at	1.22	1.25	1.31	1.10
1384386_at	0.73	0.88	0.84	0.79
1384209_at	0.83	0.84	0.41	0.70
1384110_at	1.10	0.99	0.79	0.91
1384106_at	1.20	1.00	0.94	0.95
1383610_at	0.93	0.94	1.03	0.94
1383533_at	1.02	0.95	0.88	0.98
1383518_at	0.99	1.21	1.29	1.50
1383439_at	0.45	1.08	1.30	1.76
1383263_at	0.70	0.79	0.94	0.97
1383004_at	0.66	0.89	0.73	0.98

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	44	46	47	47.75
Probe set ID				
1382732_at	1.14	0.98	1.04	0.85
1382266_at	0.98	0.81	0.71	0.79
1382192_at	1.21	1.07	1.11	0.95
1382118_at	0.65	0.78	0.68	0.60
1382031_at	1.51	1.00	0.82	0.75
1381840_at	0.82	0.74	0.80	0.73
1381528_at	1.13	1.19	1.18	1.23
1381469_a_at	0.71	0.77	0.91	0.72
1381409_at	1.06	1.35	1.18	1.44
1381157_at	1.08	1.11	1.03	0.90
1380611_at	1.53	1.19	1.09	0.77
1380598_at	1.16	1.20	1.39	1.44
1380306_at	1.44	0.90	0.68	0.55
1379971_at	0.87	0.82	0.67	0.86
1379716_at	1.71	1.51	1.28	1.14
1379477_at	1.17	1.08	1.11	0.97
1379467_at	1.28	0.94	0.69	0.52
1379369_at	1.06	1.30	1.18	0.99
1379051_at	1.31	1.00	1.12	0.75
1378745_at	0.83	0.51	0.34	0.35
1378156_at	1.34	1.09	0.72	0.81
1378105_at	1.13	0.93	0.89	0.99
1378043_at	0.81	0.59	0.48	1.26
1378038_at	0.83	0.89	0.92	0.80
1377982_at	0.85	1.06	1.15	1.25
1377772_at	0.53	0.64	0.74	0.75
1377635_at	1.25	0.99	0.84	0.71
1377608_a_at	1.16	1.07	1.18	1.08
1376947_at	1.24	1.05	1.14	0.99
1376858_at	1.38	1.28	1.45	1.34
1376465_at	1.08	0.99	0.99	0.83
1376440_at	1.19	1.02	1.08	1.04
1376177_at	0.91	0.89	0.92	0.89
1376071_at	1.06	1.18	1.27	1.24
1375908_at	0.88	1.24	1.33	1.42
1375760_at	1.09	0.79	0.68	0.81
1375692_at	1.00	0.90	0.98	0.95
1375355_at	0.60	0.72	0.60	0.74
1375209_at	0.99	0.94	0.94	0.98
1374855_at	0.93	0.48	0.43	0.22
1374706_at	1.08	1.10	1.02	1.07
1374681_at	0.77	1.13	1.12	1.21

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	44	46	47	47.75
Probe set ID				
1374531_at	1.06	0.93	0.99	0.82
1374307_at	1.15	1.05	1.23	0.97
1374036_at	1.21	1.01	1.07	0.94
1373960_at	0.80	0.85	0.92	0.83
1373950_at	1.29	0.86	0.93	1.00
1373816_at	1.08	1.07	1.05	1.13
1373718_at	0.98	1.23	1.34	1.33
1373708_at	1.38	1.68	1.55	1.52
1373566_at	1.19	1.14	1.28	1.09
1373542_at	1.14	1.14	1.41	1.29
1373403_at	1.39	1.07	1.09	1.06
1373399_at	0.77	0.99	1.08	1.10
1373239_at	0.79	0.77	0.80	0.88
1373158_at	0.96	0.84	0.80	0.74
1373139_at	0.89	0.92	0.94	0.85
1373114_at	0.70	1.20	1.38	1.33
1373093_at	1.07	0.99	1.01	0.84
1372590_at	0.79	0.92	0.85	0.73
1372491_at	1.16	1.21	1.16	1.07
1372426_at	1.23	1.10	1.09	1.12
1372390_at	0.60	0.84	0.80	0.66
1372091_at	1.59	1.42	1.68	1.49
1372086_at	1.34	1.20	1.03	1.34
1371913_at	1.13	1.03	1.04	0.88
1371864_at	1.12	0.86	0.89	0.80
1371832_at	1.10	1.14	1.39	1.42
1371583_at	0.98	0.85	0.86	0.78
1371505_at	1.07	1.19	1.25	1.23
1371367_at	1.20	1.21	1.37	1.22
1371090_at	0.65	0.93	0.84	0.91
1370991_at	1.79	1.21	1.33	0.98
1370963_at	1.21	1.34	1.27	1.06
1370954_at	1.33	1.25	1.54	1.34
1370912_at	1.33	1.38	1.27	1.20
1370847_at	0.97	1.42	2.04	1.48
1370816_at	0.22	0.24	0.17	0.14
1370570_at	0.80	0.79	0.81	0.78
1370541_at	0.69	0.40	0.35	0.41
1370540_at	1.02	0.14	0.72	0.24
1370510_a_at	1.13	1.31	1.83	1.91
1370445_at	1.09	1.09	1.03	1.03
1370283_at	1.02	1.14	1.22	1.26

Supplementary Table 2: Mean Normalized Intensitites of Individual Probe Sets Mined for Circadian Oscillations.

Time (Hr)	**44**	**46**	**47**	**47.75**
Probe set ID				
1370266_at	0.84	0.98	0.95	0.92
1370209_at	1.10	0.80	0.81	0.81
1369919_at	0.45	0.59	0.20	0.38
1369433_at	0.34	0.59	0.69	0.68
1368882_at	0.88	1.01	0.87	1.27
1368862_at	1.23	1.07	1.20	1.13
1368852_at	1.10	1.30	1.47	1.36
1368681_at	1.09	1.10	1.10	1.06
1368571_at	1.09	1.15	1.41	1.50
1368527_at	0.76	0.88	0.93	0.89
1368488_at	1.73	1.75	2.62	1.91
1368486_at	1.09	1.45	1.58	1.49
1368304_at	1.04	1.06	1.07	0.85
1368303_at	1.26	1.08	0.97	0.81
1368249_at	0.81	0.81	0.63	0.76
1368200_at	0.88	1.38	1.17	1.44
1368189_at	0.82	1.01	1.29	1.21
1368177_at	1.35	1.20	1.20	1.13
1367857_at	1.26	1.23	1.25	1.23
1367850_at	1.30	1.65	1.61	1.56
1367771_at	1.39	1.14	1.02	1.07
1367568_a_at	1.39	1.20	1.25	1.12

Supplementary Table 4: Probe Sets Exhibiting A Non-sinusodial Circadian Expression Pattern

Probe set ID	Accesion number	Gene Symbol	Gene name
1391758_at	BE109438	Ablim1	Actin-binding LIM protein 1 long isoform
1369526_at	NM_013084	Acadsb	Acyl-Coenzyme A dehydrogenase, short/branched chain
1373347_at	BF419134	Acbd3	Acyl-Coenzyme A binding domain containing 3
1390549_at	AA859796	Adipor2	Adiponectin receptor 2
1375444_at	BF409829	Ap3d	Adaptor-related protein complex 3, delta subunit
1381100_at	BE108751	Arhgef12	Rho guanine nucleotide exchange factor (GEF) 12
1392738_at	AI602954	Bat2d1	BAT2 domain containing 1
1394964_at	BM389840	Bat2d2	BAT2 domain containing 2
1374283_at	BF419505	Bptf	bromodomain PHD finger transcription factor
1371173_a_at	Y13591	Cast	calpastatin
1395105_at	AW527267	Cwf19l2	CWF19-like 2
1376524_at	BG378747	Dd25	Hypothetical protein Dd25
1393615_at	AI059603	Depdc6	DEP domain containing 6
1388101_at	AF389425	Dpysl3	Dihydropyrimidinase-like 3
1394985_at	BI294752	Eea1	Early endosome antigen 1
1379485_at	BF389640	Eif3s10	Eukaryotic translation initiation factor 3, subunit 10 (theta)
1382040_at	AI234919	Eprs	Glutamyl-prolyl-tRNA synthetase
1384890_at	AA998678	Ezh1	Enhancer of zeste homolog 1
1395535_at	BF548555	Fam98a	Family with sequence similarity 98, member A
1392633_at	AI045724	Fbxo32	F-box protein 32
1384182_at	BE128738	Fermt2	Fermitin family homolog 2
1384728_at	BE112826	Foxn3	Forkhead box N3
1394347_at	BF568007	Golga4	Golgi autoantigen, golgin subfamily a, 4
1392309_at	BI300426	Jam2	Junctional adhesion molecule 2
1393324_at	BF542552	Jam2	Junctional adhesion molecule 2
1379194_at	BF407258	Klhdc5	Kelch domain containing 5
1384146_at	AI236895	Luc7l2	LUC7-like 2
1389986_at	AI008409	Malat1	Metastasis associated lung adenocarcinoma transcript 1
1385091_at	AW530801	Med13	Mediator complex subunit 13
1380144_at	BE103512	Mobkl1a	Mps One Binder kinase activator-like 1A
1385209_at	BE105313	Myst3	MYST histone acetyltransferase 3
1393576_at	AA963989	Nfia	Nuclear factor I/A
1380371_at	BE117361	NIPBL	Nipped-B homolog, Delangin
1395100_at	BI286690	Pbrm1	Similar to polybromo-1
1393692_at	AA965160	Pcf11	PCF11, cleavage and polyadenylation factor subunit
1382103_at	AI549036	Pgm3	phosphoglucomutase 3
1384792_at	BE107114	Prpf40a	pre-mRNA processing factor 40 homolog A
1383266_at	AW144660	Sfrp1	Secreted frizzled-related protein 1
1379822_at	BI294801	Sfrs18	Splicing factor, arginine/serine-rich 18
1373303_at	BM383325	Sfrs2ip	Splicing factor, arginine/serine-rich 2, interacting protein

Supplementary Table 3: Probe Sets Exhibiting A Non-sinusodial Circadian Expression Pattern

Probe set ID	Accesion number	Gene Symbol	Gene name
1390345_at	BG375523	Snrnp70	Small nuclear ribonucleoprotein 70
1394436_at	BF560163	Spag9	Sperm associated antigen 9
1390706_at	BF392456	Spnb2	Spectrin beta 2
1369628_at	BG672437	Sv2b	Synaptic vesicle glycoprotein 2b
1393491_at	BF398496	Tbl1x	Similar to transducin (beta)-like 1 X-linked
1390871_at	BF286230	Tcerg1	Transcription elongation regulator 1
1397286_at	AW435211	Tcf4	Transcription factor 4
1376096_a_at	BE108246	Tcf4	Transcription factor 4
1383827_at	AI059119	Tlk1	tousled-like kinase 1
1382939_at	BE118639	Tpr	translocated promoter region
1394814_at	BF398127	Tpr	translocated promoter region
1385527_at	AA955194	Usp7	ubiquitin specific protease 7
1394935_at	AI175684	Wasf2	WAS protein family, member 2
1385240_at	AW523099	Wdr33	WD repeat domain 33
1394849_at	BF402012	Zbtb20	Zinc finger and BTB domain containing 20
1385087_at	BF406606	Zbtb20	Zinc finger and BTB domain containing 20
1393795_at	BG377397	Zeb2	Zinc finger E-box binding homeobox 2
1392441_at	BF415891	Zeb2	Zinc finger E-box binding homeobox 2
1381829_at	AI227744	Zfp318	Zinc finger protein 318
1375622_at	BF402692	Zfyve20	Zinc finger, FYVE domain containing 20
1397302_at	BF543495	Zmynd11	Zinc finger, MYND domain containing 11
1396654_at	BF403645	EST	
1395650_at	BF543766	EST	
1394682_at	BF290030	EST	
1384854_at	AI072679	EST	
1381650_at	BM389433	EST	
1380701_at	BF400722	EST	
1375453_at	BM392052	EST	
1385350_at	BF398122	EST	
1378347_at	AW252020	EST	
1379733_at	BF396474	EST	
1380644_at	AI178542	EST	
1382368_at	AA943075	EST	
1377396_at	BF413101	EST	
1393811_at	BF397269	EST	
1380503_at	BI290590	EST	

Supplementary Table 5: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1384728_at	0.71	1.07	1.89	1.57	2.15	2.18	1.26	1.08
1384182_at	0.50	0.74	1.91	2.22	2.58	1.68	1.43	0.87
1393491_at	1.07	0.94	2.08	2.65	1.95	1.53	1.18	1.01
1379485_at	0.57	0.61	2.01	1.99	2.15	1.55	1.16	0.98
1380371_at	0.98	0.94	1.69	2.26	2.56	1.68	1.33	1.26
1383827_at	0.68	0.74	1.80	2.42	2.54	1.75	1.52	1.27
1379194_at	0.90	1.10	2.42	2.01	2.09	1.14	1.17	0.81
1382040_at	1.02	1.07	2.18	2.04	2.38	1.62	1.20	1.04
1395535_at	0.92	0.89	2.09	2.19	2.06	1.52	1.24	1.05
1394849_at	0.67	0.64	1.83	2.19	2.63	1.57	1.12	0.93
1394935_at	0.77	0.90	1.49	2.02	2.21	1.27	1.29	0.86
1375453_at	0.89	0.90	1.52	1.62	2.14	1.39	1.02	0.53
1373303_at	0.77	0.66	1.80	1.91	2.23	1.39	1.22	1.16
1397286_at	0.92	0.83	1.82	1.78	2.22	1.60	1.18	0.86
1373347_at	0.78	0.98	1.61	2.14	1.97	1.61	1.42	1.19
1393795_at	1.01	0.99	1.59	2.01	1.48	1.32	1.17	1.02
1380503_at	0.85	0.83	1.63	1.75	2.03	1.25	1.26	1.21
1390345_at	1.17	0.89	1.48	1.97	2.04	1.23	1.22	1.03
1390706_at	0.71	0.76	1.62	2.12	2.01	1.09	1.09	0.81
1369628_at	0.83	0.63	3.57	3.24	3.31	1.58	1.36	1.01
1384792_at	1.07	0.89	1.64	1.96	2.11	1.16	1.05	0.88
1384146_at	0.86	0.92	1.31	2.01	1.90	1.37	1.30	0.81
1385350_at	0.72	0.80	1.64	2.26	1.77	1.42	1.16	0.98
1392309_at	0.72	0.77	2.15	3.08	2.65	2.14	1.64	0.87
1394436_at	0.83	0.71	2.54	2.27	2.77	2.14	1.35	1.34
1382939_at	1.00	1.05	2.10	2.11	2.33	1.57	1.38	1.25
1385087_at	0.81	0.92	2.31	2.93	3.44	2.45	1.97	1.39
1389986_at	0.88	0.73	2.37	3.18	3.19	2.02	1.71	1.69
1384854_at	0.82	0.83	2.86	2.57	3.52	2.33	1.81	1.45
1390549_at	0.91	0.96	2.19	2.03	2.00	1.75	1.25	0.77
1395105_at	0.55	0.83	2.15	2.24	2.71	1.84	1.24	0.95
1393615_at	0.74	1.14	4.94	4.49	5.43	3.87	2.51	1.97
1378347_at	0.87	0.95	1.40	1.48	2.06	1.38	1.00	1.06
1384890_at	0.85	0.86	1.83	1.80	2.67	1.53	1.27	0.78
1379733_at	1.19	1.25	2.16	2.10	2.03	1.42	1.35	0.89
1380144_at	1.14	0.89	1.73	2.23	2.39	1.96	1.53	0.74
1379822_at	1.12	0.88	1.71	1.56	2.31	1.66	1.02	0.96
1381100_at	0.73	0.82	1.56	2.05	1.83	1.42	1.21	1.00
1383266_at	1.02	0.84	1.72	1.54	2.42	1.23	1.27	0.73
1371173_a_at	0.83	1.11	2.51	2.22	3.92	2.59	2.00	1.54

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	0.25	1	2	4	6	8	10	11
Probe set ID								
1394682_at	1.06	1.16	1.58	2.10	1.90	1.48	1.35	1.20
1385091_at	0.79	0.63	1.86	1.52	2.17	2.17	1.23	0.83
1394347_at	0.71	0.78	2.88	2.28	3.11	1.55	1.19	0.52
1394814_at	0.55	0.75	3.66	3.95	4.91	2.65	1.30	0.77
1390871_at	0.87	0.74	1.60	1.70	2.06	1.28	0.97	0.84
1394985_at	0.70	0.76	2.23	3.24	3.09	2.79	1.57	1.23
1375622_at	0.85	0.77	2.20	2.72	2.67	1.97	1.56	1.35
1392441_at	0.73	1.08	1.90	2.18	2.34	1.71	1.38	1.21
1376524_at	0.97	0.80	1.56	2.11	2.75	1.23	1.09	0.94
1392738_at	1.01	1.11	1.98	2.51	3.57	1.34	1.37	0.96
1395100_at	1.04	0.95	1.53	1.84	2.20	1.59	1.19	0.97
1393811_at	1.18	0.88	1.64	1.87	2.26	1.35	1.17	0.94
1369526_at	0.73	1.19	2.61	1.99	2.65	2.69	1.89	1.28
1392633_at	0.60	0.65	1.77	1.17	2.98	2.94	1.46	0.91
1382103_at	0.92	0.95	2.35	2.18	2.47	1.76	1.38	0.97
1380701_at	0.71	0.82	1.74	1.94	2.08	1.62	1.30	1.11
1396654_at	0.88	0.92	2.01	2.64	1.76	1.63	0.85	0.61
1385209_at	0.83	0.82	1.62	1.88	2.34	1.39	1.27	0.86
1380644_at	0.94	0.82	1.93	1.48	2.50	1.17	1.13	0.67
1393324_at	0.89	0.69	1.73	3.05	2.50	2.12	1.51	0.71
1381829_at	0.57	0.78	1.66	1.97	2.12	1.77	1.18	0.80
1385240_at	0.85	0.80	1.53	2.30	2.66	2.03	1.13	0.34
1385527_at	0.80	0.84	2.98	2.64	4.61	2.38	1.35	0.48
1391758_at	0.94	0.86	1.91	1.65	2.48	1.34	1.12	0.73
1381650_at	0.96	0.59	1.74	1.92	2.30	1.88	1.50	1.19
1382368_at	0.86	0.85	2.57	2.45	1.85	2.06	1.32	1.00
1377396_at	0.67	0.76	1.75	1.62	2.42	1.66	1.13	0.97
1393692_at	0.65	0.57	2.11	2.87	2.81	1.73	1.31	1.47
1393576_at	0.92	1.05	2.45	1.80	3.65	1.91	1.73	0.55
1394964_at	1.11	0.92	1.49	2.54	3.36	1.47	1.07	0.38
1397302_at	1.05	0.79	1.75	2.70	2.25	1.46	1.01	0.96
1374283_at	1.07	1.37	2.62	2.83	4.82	2.45	1.57	0.75
1376096_a_at	0.89	1.30	2.75	3.39	3.03	1.44	1.61	1.17
1375444_at	0.99	0.94	2.43	2.03	2.36	1.54	1.56	0.91
1388101_at	0.72	0.33	2.35	2.56	2.86	1.49	1.35	0.78
1395650_at	0.32	0.88	1.38	2.02	1.91	1.44	1.11	0.32

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1384728_at	0.81	0.84	0.76	1.02	0.96	0.87	0.97	0.94
1384182_at	0.81	0.78	0.63	0.63	1.14	0.91	1.07	1.02
1393491_at	1.08	0.83	0.95	0.94	0.85	0.65	0.69	0.65
1379485_at	0.95	0.67	0.72	0.77	1.17	0.89	0.91	0.89
1380371_at	1.30	0.78	0.78	0.76	1.22	0.84	0.73	0.86
1383827_at	1.12	0.77	0.87	0.91	1.22	0.79	0.81	0.88
1379194_at	0.87	0.76	1.13	1.14	1.11	0.97	0.87	0.95
1382040_at	0.68	0.79	1.16	0.91	1.00	0.77	0.80	1.03
1395535_at	0.87	0.78	0.75	0.90	1.09	0.89	0.91	0.94
1394849_at	1.04	0.78	0.84	0.96	0.93	0.63	1.00	0.99
1394935_at	0.87	0.58	0.93	0.88	1.24	0.87	0.96	1.01
1375453_at	0.46	0.70	1.05	1.15	1.07	0.85	0.98	0.84
1373303_at	0.95	0.73	0.65	0.87	1.13	0.81	0.87	0.88
1397286_at	1.04	0.95	0.86	0.86	0.90	0.84	0.86	0.86
1373347_at	1.05	0.87	0.99	0.88	1.05	0.81	0.92	0.92
1393795_at	0.71	0.88	1.04	0.99	0.95	0.81	0.74	0.88
1380503_at	0.98	0.82	0.87	0.96	1.11	0.83	0.75	0.96
1390345_at	0.98	0.84	0.97	0.82	1.01	0.74	0.91	0.89
1390706_at	0.95	0.74	0.83	0.73	1.18	0.84	0.82	0.94
1369628_at	0.95	0.63	0.64	0.52	1.56	0.81	0.78	1.02
1384792_at	0.87	0.76	0.83	0.94	1.17	0.88	0.80	0.82
1384146_at	1.04	1.03	0.82	0.78	1.21	0.77	0.80	0.83
1385350_at	1.21	0.82	0.73	0.67	1.22	0.91	0.90	1.10
1392309_at	0.66	0.74	0.90	0.97	1.19	1.06	0.86	1.04
1394436_at	1.20	0.88	0.77	0.79	1.22	0.73	0.86	0.72
1382939_at	1.22	0.80	0.87	0.90	1.14	0.84	0.85	0.87
1385087_at	1.66	0.99	0.74	0.93	0.96	0.76	0.80	0.86
1389986_at	1.21	0.66	0.62	0.68	1.05	0.76	0.93	0.98
1384854_at	1.41	0.87	0.70	0.81	0.90	0.70	0.90	0.77
1390549_at	0.82	0.86	0.90	0.84	0.94	1.05	0.94	0.97
1395105_at	0.93	0.84	0.82	0.88	1.13	0.76	0.84	0.86
1393615_at	1.79	0.88	0.64	0.50	0.92	0.52	0.65	0.71
1378347_at	0.82	0.84	0.96	1.07	0.99	0.93	0.79	0.92
1384890_at	0.78	0.76	0.85	0.65	1.15	0.81	0.93	0.94
1379733_at	0.82	0.64	0.71	0.55	0.78	0.81	1.03	0.88
1380144_at	0.61	0.71	0.95	0.97	0.78	1.03	1.05	0.93
1379822_at	0.70	0.67	0.82	0.90	1.17	1.05	0.87	0.87
1381100_at	1.12	0.85	0.83	0.83	1.05	1.07	0.86	0.93
1383266_at	0.90	0.88	0.77	0.80	0.87	0.90	1.03	1.10
1371173_a_at	0.99	0.95	0.82	0.71	0.95	0.79	0.81	0.98

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	11.75	12.25	13	14	16	18	20	22
Probe set ID								
1394682_at	0.74	0.80	0.80	0.86	1.14	0.83	0.78	1.24
1385091_at	1.00	0.71	0.92	0.88	1.07	0.80	0.69	0.97
1394347_at	0.67	0.94	0.66	1.18	1.34	0.86	1.27	0.76
1394814_at	0.79	0.72	0.70	0.84	1.54	0.79	0.83	0.97
1390871_at	1.01	0.84	0.85	0.96	1.16	0.90	0.95	1.00
1394985_at	1.01	0.75	0.69	0.54	1.41	0.85	0.86	0.75
1375622_at	0.81	0.70	0.61	0.65	1.28	0.94	0.74	0.94
1392441_at	0.95	0.74	0.64	0.68	0.96	0.68	0.59	1.18
1376524_at	0.82	0.54	1.07	0.88	1.11	0.66	0.72	0.75
1392738_at	0.91	0.75	0.90	1.09	1.04	0.78	0.91	0.81
1395100_at	0.83	0.94	0.96	1.07	0.98	0.73	0.80	0.95
1393811_at	0.80	0.71	0.89	0.80	0.95	0.76	0.92	0.94
1369526_at	0.60	0.98	0.97	0.82	0.73	0.52	0.76	0.84
1392633_at	0.80	0.81	0.71	0.67	1.04	0.86	0.85	0.89
1382103_at	1.06	0.90	0.76	0.87	1.16	0.84	0.85	0.68
1380701_at	0.83	0.80	0.80	0.40	0.99	0.88	1.09	1.03
1396654_at	0.82	1.02	0.90	0.90	1.22	0.90	0.57	0.68
1385209_at	0.92	0.78	0.57	0.73	1.15	1.00	1.17	0.97
1380644_at	0.62	0.60	0.97	0.96	1.11	0.68	0.83	0.86
1393324_at	0.81	0.79	0.93	0.98	1.14	0.82	0.92	1.02
1381829_at	1.26	0.53	0.62	0.66	0.98	0.48	0.78	0.67
1385240_at	0.65	0.61	0.72	0.84	1.41	1.00	0.93	0.89
1385527_at	0.53	0.88	0.73	0.78	1.21	0.52	0.74	1.15
1391758_at	0.79	0.77	0.99	0.96	1.08	1.00	1.00	0.87
1381650_at	0.63	0.76	0.94	0.99	0.84	0.82	0.68	0.79
1382368_at	0.57	0.49	0.91	0.37	0.69	0.38	0.68	0.98
1377396_at	0.69	0.71	0.56	0.96	1.21	0.71	1.40	1.00
1393692_at	1.00	0.54	0.65	0.64	1.24	0.86	0.90	0.71
1393576_at	0.61	1.07	0.71	1.22	0.85	0.92	0.82	1.11
1394964_at	0.42	0.39	1.06	0.81	1.25	0.65	0.76	0.83
1397302_at	1.07	0.87	0.74	0.90	1.31	0.73	1.02	0.78
1374283_at	0.38	0.71	0.96	1.22	1.55	0.61	0.91	0.84
1376096_a_at	1.11	0.84	0.95	0.70	1.03	1.01	0.91	0.89
1375444_at	0.53	0.45	0.83	0.44	1.05	0.77	0.39	0.81
1388101_at	1.02	0.70	0.68	0.92	0.99	0.84	0.94	1.33
1395650_at	0.92	0.69	0.52	0.53	0.85	0.70	0.92	0.53

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1384728_at	0.73	0.99	0.71	1.07	1.89	1.57	2.15	2.18
1384182_at	0.75	1.06	0.50	0.74	1.91	2.22	2.58	1.68
1393491_at	0.77	0.78	1.07	0.94	2.08	2.65	1.95	1.53
1379485_at	0.81	0.88	0.57	0.61	2.01	1.99	2.15	1.55
1380371_at	0.83	0.83	0.98	0.94	1.69	2.26	2.56	1.68
1383827_at	0.78	0.78	0.68	0.74	1.80	2.42	2.54	1.75
1379194_at	0.94	0.81	0.90	1.10	2.42	2.01	2.09	1.14
1382040_at	0.97	1.17	1.02	1.07	2.18	2.04	2.38	1.62
1395535_at	0.96	1.33	0.92	0.89	2.09	2.19	2.06	1.52
1394849_at	0.68	0.72	0.67	0.64	1.83	2.19	2.63	1.57
1394935_at	0.83	0.77	0.77	0.90	1.49	2.02	2.21	1.27
1375453_at	0.71	0.90	0.89	0.90	1.52	1.62	2.14	1.39
1373303_at	0.82	1.00	0.77	0.66	1.80	1.91	2.23	1.39
1397286_at	0.59	0.99	0.92	0.83	1.82	1.78	2.22	1.60
1373347_at	0.86	0.93	0.78	0.98	1.61	2.14	1.97	1.61
1393795_at	0.78	0.96	1.01	0.99	1.59	2.01	1.48	1.32
1380503_at	0.94	0.97	0.85	0.83	1.63	1.75	2.03	1.25
1390345_at	0.89	0.83	1.17	0.89	1.48	1.97	2.04	1.23
1390706_at	0.74	0.85	0.71	0.76	1.62	2.12	2.01	1.09
1369628_at	0.53	0.87	0.83	0.63	3.57	3.24	3.31	1.58
1384792_at	0.96	0.82	1.07	0.89	1.64	1.96	2.11	1.16
1384146_at	0.90	0.79	0.86	0.92	1.31	2.01	1.90	1.37
1385350_at	0.86	0.79	0.72	0.80	1.64	2.26	1.77	1.42
1392309_at	0.72	1.02	0.72	0.77	2.15	3.08	2.65	2.14
1394436_at	0.72	0.78	0.83	0.71	2.54	2.27	2.77	2.14
1382939_at	0.86	0.90	1.00	1.05	2.10	2.11	2.33	1.57
1385087_at	0.76	0.92	0.81	0.92	2.31	2.93	3.44	2.45
1389986_at	0.73	0.85	0.88	0.73	2.37	3.18	3.19	2.02
1384854_at	0.73	0.91	0.82	0.83	2.86	2.57	3.52	2.33
1390549_at	0.93	1.09	0.91	0.96	2.19	2.03	2.00	1.75
1395105_at	0.82	0.83	0.55	0.83	2.15	2.24	2.71	1.84
1393615_at	0.74	0.93	0.74	1.14	4.94	4.49	5.43	3.87
1378347_at	0.93	1.00	0.87	0.95	1.40	1.48	2.06	1.38
1384890_at	0.80	0.99	0.85	0.86	1.83	1.80	2.67	1.53
1379733_at	1.15	1.07	1.19	1.25	2.16	2.10	2.03	1.42
1380144_at	0.80	1.02	1.14	0.89	1.73	2.23	2.39	1.96
1379822_at	0.96	0.96	1.12	0.88	1.71	1.56	2.31	1.66
1381100_at	0.87	0.99	0.73	0.82	1.56	2.05	1.83	1.42
1383266_at	1.12	1.13	1.02	0.84	1.72	1.54	2.42	1.23
1371173_a_at	0.86	1.00	0.83	1.11	2.51	2.22	3.92	2.59

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	23	23.75	24.25	25	26	28	30	32
Probe set ID								
1394682_at	0.79	1.13	1.06	1.16	1.58	2.10	1.90	1.48
1385091_at	1.04	0.73	0.79	0.63	1.86	1.52	2.17	2.17
1394347_at	0.58	0.78	0.71	0.78	2.88	2.28	3.11	1.55
1394814_at	0.81	0.94	0.55	0.75	3.66	3.95	4.91	2.65
1390871_at	0.85	0.99	0.87	0.74	1.60	1.70	2.06	1.28
1394985_at	0.69	0.56	0.70	0.76	2.23	3.24	3.09	2.79
1375622_at	0.72	0.98	0.85	0.77	2.20	2.72	2.67	1.97
1392441_at	0.75	0.98	0.73	1.08	1.90	2.18	2.34	1.71
1376524_at	0.74	0.75	0.97	0.80	1.56	2.11	2.75	1.23
1392738_at	0.94	0.84	1.01	1.11	1.98	2.51	3.57	1.34
1395100_at	0.68	0.96	1.04	0.95	1.53	1.84	2.20	1.59
1393811_at	0.79	1.18	1.18	0.88	1.64	1.87	2.26	1.35
1369526_at	0.87	0.98	0.73	1.19	2.61	1.99	2.65	2.69
1392633_at	0.63	1.21	0.60	0.65	1.77	1.17	2.98	2.94
1382103_at	0.84	1.11	0.92	0.95	2.35	2.18	2.47	1.76
1380701_at	0.90	0.78	0.71	0.82	1.74	1.94	2.08	1.62
1396654_at	0.69	0.76	0.88	0.92	2.01	2.64	1.76	1.63
1385209_at	0.81	1.08	0.83	0.82	1.62	1.88	2.34	1.39
1380644_at	0.75	0.89	0.94	0.82	1.93	1.48	2.50	1.17
1393324_at	0.62	0.88	0.89	0.69	1.73	3.05	2.50	2.12
1381829_at	0.84	1.06	0.57	0.78	1.66	1.97	2.12	1.77
1385240_at	0.80	1.46	0.85	0.80	1.53	2.30	2.66	2.03
1385527_at	0.37	0.78	0.80	0.84	2.98	2.64	4.61	2.38
1391758_at	0.76	1.09	0.94	0.86	1.91	1.65	2.48	1.34
1381650_at	0.64	0.93	0.96	0.59	1.74	1.92	2.30	1.88
1382368_at	0.60	0.46	0.86	0.85	2.57	2.45	1.85	2.06
1377396_at	0.77	1.08	0.67	0.76	1.75	1.62	2.42	1.66
1393692_at	0.67	0.77	0.65	0.57	2.11	2.87	2.81	1.73
1393576_at	0.50	0.54	0.92	1.05	2.45	1.80	3.65	1.91
1394964_at	0.88	1.02	1.11	0.92	1.49	2.54	3.36	1.47
1397302_at	0.91	0.83	1.05	0.79	1.75	2.70	2.25	1.46
1374283_at	0.67	0.87	1.07	1.37	2.62	2.83	4.82	2.45
1376096_a_at	0.81	0.97	0.89	1.30	2.75	3.39	3.03	1.44
1375444_at	0.55	1.32	0.99	0.94	2.43	2.03	2.36	1.54
1388101_at	0.82	0.99	0.72	0.33	2.35	2.56	2.86	1.49
1395650_at	0.52	0.89	0.32	0.88	1.38	2.02	1.91	1.44

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1384728_at	1.26	1.08	0.81	0.84	0.76	1.02	0.96	0.87
1384182_at	1.43	0.87	0.81	0.78	0.63	0.63	1.14	0.91
1393491_at	1.18	1.01	1.08	0.83	0.95	0.94	0.85	0.65
1379485_at	1.16	0.98	0.95	0.67	0.72	0.77	1.17	0.89
1380371_at	1.33	1.26	1.30	0.78	0.78	0.76	1.22	0.84
1383827_at	1.52	1.27	1.12	0.77	0.87	0.91	1.22	0.79
1379194_at	1.17	0.81	0.87	0.76	1.13	1.14	1.11	0.97
1382040_at	1.20	1.04	0.68	0.79	1.16	0.91	1.00	0.77
1395535_at	1.24	1.05	0.87	0.78	0.75	0.90	1.09	0.89
1394849_at	1.12	0.93	1.04	0.78	0.84	0.96	0.93	0.63
1394935_at	1.29	0.86	0.87	0.58	0.93	0.88	1.24	0.87
1375453_at	1.02	0.53	0.46	0.70	1.05	1.15	1.07	0.85
1373303_at	1.22	1.16	0.95	0.73	0.65	0.87	1.13	0.81
1397286_at	1.18	0.86	1.04	0.95	0.86	0.86	0.90	0.84
1373347_at	1.42	1.19	1.05	0.87	0.99	0.88	1.05	0.81
1393795_at	1.17	1.02	0.71	0.88	1.04	0.99	0.95	0.81
1380503_at	1.26	1.21	0.98	0.82	0.87	0.96	1.11	0.83
1390345_at	1.22	1.03	0.98	0.84	0.97	0.82	1.01	0.74
1390706_at	1.09	0.81	0.95	0.74	0.83	0.73	1.18	0.84
1369628_at	1.36	1.01	0.95	0.63	0.64	0.52	1.56	0.81
1384792_at	1.05	0.88	0.87	0.76	0.83	0.94	1.17	0.88
1384146_at	1.30	0.81	1.04	1.03	0.82	0.78	1.21	0.77
1385350_at	1.16	0.98	1.21	0.82	0.73	0.67	1.22	0.91
1392309_at	1.64	0.87	0.66	0.74	0.90	0.97	1.19	1.06
1394436_at	1.35	1.34	1.20	0.88	0.77	0.79	1.22	0.73
1382939_at	1.38	1.25	1.22	0.80	0.87	0.90	1.14	0.84
1385087_at	1.97	1.39	1.66	0.99	0.74	0.93	0.96	0.76
1389986_at	1.71	1.69	1.21	0.66	0.62	0.68	1.05	0.76
1384854_at	1.81	1.45	1.41	0.87	0.70	0.81	0.90	0.70
1390549_at	1.25	0.77	0.82	0.86	0.90	0.84	0.94	1.05
1395105_at	1.24	0.95	0.93	0.84	0.82	0.88	1.13	0.76
1393615_at	2.51	1.97	1.79	0.88	0.64	0.50	0.92	0.52
1378347_at	1.00	1.06	0.82	0.84	0.96	1.07	0.99	0.93
1384890_at	1.27	0.78	0.78	0.76	0.85	0.65	1.15	0.81
1379733_at	1.35	0.89	0.82	0.64	0.71	0.55	0.78	0.81
1380144_at	1.53	0.74	0.61	0.71	0.95	0.97	0.78	1.03
1379822_at	1.02	0.96	0.70	0.67	0.82	0.90	1.17	1.05
1381100_at	1.21	1.00	1.12	0.85	0.83	0.83	1.05	1.07
1383266_at	1.27	0.73	0.90	0.88	0.77	0.80	0.87	0.90
1371173_a_at	2.00	1.54	0.99	0.95	0.82	0.71	0.95	0.79

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	34	35	35.75	36.25	37	38	40	42
Probe set ID								
1394682_at	1.35	1.20	0.74	0.80	0.80	0.86	1.14	0.83
1385091_at	1.23	0.83	1.00	0.71	0.92	0.88	1.07	0.80
1394347_at	1.19	0.52	0.67	0.94	0.66	1.18	1.34	0.86
1394814_at	1.30	0.77	0.79	0.72	0.70	0.84	1.54	0.79
1390871_at	0.97	0.84	1.01	0.84	0.85	0.96	1.16	0.90
1394985_at	1.57	1.23	1.01	0.75	0.69	0.54	1.41	0.85
1375622_at	1.56	1.35	0.81	0.70	0.61	0.65	1.28	0.94
1392441_at	1.38	1.21	0.95	0.74	0.64	0.68	0.96	0.68
1376524_at	1.09	0.94	0.82	0.54	1.07	0.88	1.11	0.66
1392738_at	1.37	0.96	0.91	0.75	0.90	1.09	1.04	0.78
1395100_at	1.19	0.97	0.83	0.94	0.96	1.07	0.98	0.73
1393811_at	1.17	0.94	0.80	0.71	0.89	0.80	0.95	0.76
1369526_at	1.89	1.28	0.60	0.98	0.97	0.82	0.73	0.52
1392633_at	1.46	0.91	0.80	0.81	0.71	0.67	1.04	0.86
1382103_at	1.38	0.97	1.06	0.90	0.76	0.87	1.16	0.84
1380701_at	1.30	1.11	0.83	0.80	0.80	0.40	0.99	0.88
1396654_at	0.85	0.61	0.82	1.02	0.90	0.90	1.22	0.90
1385209_at	1.27	0.86	0.92	0.78	0.57	0.73	1.15	1.00
1380644_at	1.13	0.67	0.62	0.60	0.97	0.96	1.11	0.68
1393324_at	1.51	0.71	0.81	0.79	0.93	0.98	1.14	0.82
1381829_at	1.18	0.80	1.26	0.53	0.62	0.66	0.98	0.48
1385240_at	1.13	0.34	0.65	0.61	0.72	0.84	1.41	1.00
1385527_at	1.35	0.48	0.53	0.88	0.73	0.78	1.21	0.52
1391758_at	1.12	0.73	0.79	0.77	0.99	0.96	1.08	1.00
1381650_at	1.50	1.19	0.63	0.76	0.94	0.99	0.84	0.82
1382368_at	1.32	1.00	0.57	0.49	0.91	0.37	0.69	0.38
1377396_at	1.13	0.97	0.69	0.71	0.56	0.96	1.21	0.71
1393692_at	1.31	1.47	1.00	0.54	0.65	0.64	1.24	0.86
1393576_at	1.73	0.55	0.61	1.07	0.71	1.22	0.85	0.92
1394964_at	1.07	0.38	0.42	0.39	1.06	0.81	1.25	0.65
1397302_at	1.01	0.96	1.07	0.87	0.74	0.90	1.31	0.73
1374283_at	1.57	0.75	0.38	0.71	0.96	1.22	1.55	0.61
1376096_a_at	1.61	1.17	1.11	0.84	0.95	0.70	1.03	1.01
1375444_at	1.56	0.91	0.53	0.45	0.83	0.44	1.05	0.77
1388101_at	1.35	0.78	1.02	0.70	0.68	0.92	0.99	0.84
1395650_at	1.11	0.32	0.92	0.69	0.52	0.53	0.85	0.70

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	**44**	**46**	**47**	**47.75**
Probe set ID				
1384728_at	0.97	0.94	0.73	0.99
1384182_at	1.07	1.02	0.75	1.06
1393491_at	0.69	0.65	0.77	0.78
1379485_at	0.91	0.89	0.81	0.88
1380371_at	0.73	0.86	0.83	0.83
1383827_at	0.81	0.88	0.78	0.78
1379194_at	0.87	0.95	0.94	0.81
1382040_at	0.80	1.03	0.97	1.17
1395535_at	0.91	0.94	0.96	1.33
1394849_at	1.00	0.99	0.68	0.72
1394935_at	0.96	1.01	0.83	0.77
1375453_at	0.98	0.84	0.71	0.90
1373303_at	0.87	0.88	0.82	1.00
1397286_at	0.86	0.86	0.59	0.99
1373347_at	0.92	0.92	0.86	0.93
1393795_at	0.74	0.88	0.78	0.96
1380503_at	0.75	0.96	0.94	0.97
1390345_at	0.91	0.89	0.89	0.83
1390706_at	0.82	0.94	0.74	0.85
1369628_at	0.78	1.02	0.53	0.87
1384792_at	0.80	0.82	0.96	0.82
1384146_at	0.80	0.83	0.90	0.79
1385350_at	0.90	1.10	0.86	0.79
1392309_at	0.86	1.04	0.72	1.02
1394436_at	0.86	0.72	0.72	0.78
1382939_at	0.85	0.87	0.86	0.90
1385087_at	0.80	0.86	0.76	0.92
1389986_at	0.93	0.98	0.73	0.85
1384854_at	0.90	0.77	0.73	0.91
1390549_at	0.94	0.97	0.93	1.09
1395105_at	0.84	0.86	0.82	0.83
1393615_at	0.65	0.71	0.74	0.93
1378347_at	0.79	0.92	0.93	1.00
1384890_at	0.93	0.94	0.80	0.99
1379733_at	1.03	0.88	1.15	1.07
1380144_at	1.05	0.93	0.80	1.02
1379822_at	0.87	0.87	0.96	0.96
1381100_at	0.86	0.93	0.87	0.99
1383266_at	1.03	1.10	1.12	1.13
1371173_a_at	0.81	0.98	0.86	1.00

Supplementary Table 4: Mean Normalized Intensities of Individual Probe Sets Exhibiting Non-sinusoidal Circadian Expression.

Time (Hr)	**44**	**46**	**47**	**47.75**
Probe set ID				
1394682_at	0.78	1.24	0.79	1.13
1385091_at	0.69	0.97	1.04	0.73
1394347_at	1.27	0.76	0.58	0.78
1394814_at	0.83	0.97	0.81	0.94
1390871_at	0.95	1.00	0.85	0.99
1394985_at	0.86	0.75	0.69	0.56
1375622_at	0.74	0.94	0.72	0.98
1392441_at	0.59	1.18	0.75	0.98
1376524_at	0.72	0.75	0.74	0.75
1392738_at	0.91	0.81	0.94	0.84
1395100_at	0.80	0.95	0.68	0.96
1393811_at	0.92	0.94	0.79	1.18
1369526_at	0.76	0.84	0.87	0.98
1392633_at	0.85	0.89	0.63	1.21
1382103_at	0.85	0.68	0.84	1.11
1380701_at	1.09	1.03	0.90	0.78
1396654_at	0.57	0.68	0.69	0.76
1385209_at	1.17	0.97	0.81	1.08
1380644_at	0.83	0.86	0.75	0.89
1393324_at	0.92	1.02	0.62	0.88
1381829_at	0.78	0.67	0.84	1.06
1385240_at	0.93	0.89	0.80	1.46
1385527_at	0.74	1.15	0.37	0.78
1391758_at	1.00	0.87	0.76	1.09
1381650_at	0.68	0.79	0.64	0.93
1382368_at	0.68	0.98	0.60	0.46
1377396_at	1.40	1.00	0.77	1.08
1393692_at	0.90	0.71	0.67	0.77
1393576_at	0.82	1.11	0.50	0.54
1394964_at	0.76	0.83	0.88	1.02
1397302_at	1.02	0.78	0.91	0.83
1374283_at	0.91	0.84	0.67	0.87
1376096_a_at	0.91	0.89	0.81	0.97
1375444_at	0.39	0.81	0.55	1.32
1388101_at	0.94	1.33	0.82	0.99
1395650_at	0.92	0.53	0.52	0.89

Supplementary Table 6: Probe Sets Showing Circadian Oscillations in Expression Involved in Adipogenesisis/Adipocyte Differentiation

Probe set ID	Cluster	Accesion number	Gene Symbol	Gene name	Function category
1370510_a_at	1	AB012600	*Arntl, Bmal1*	Aryl hydrocarbon receptor nuclear translocator-like	Transcription regulation
1370816_at	4	M25804	*Nr1d1*	Nuclear receptor subfamily 1, group D, member 1	Transcription regulation
1370209_at	4	BE101336	*Bteb1, Klf 9**	Basic transcription element binding protein 1	Transcription regulation
1371864_at	5	AW524563	*Bteb1, Klf 9**	basic transcription element binding protein 1	Transcription regulation
1368249_at	5	NM_053536	*Klf15*	Kruppel-like factor 15	Transcription regulation
1390010_at	5	AI454081	*Ncoa1*	Nuclear receptor coactivator 1	Transcription regulation
1367771_at	6	NM_031345	*Dsipi, Gilz*	Delta sleep inducing peptide, immunoreacto	Transcription regulation
1388674_at	1	AI010427	*Cdkn1a, p21*	Cyclin-dependent kinase inhibitor 1A	Cell Cycle/ Apoptosis
1397409_s_at	5	BE113999	*Wee1**	Wee 1 homolog	Cell Cycle/ Apoptosis
1385973_at	5	AI717265	*Wee1**	Wee 1 homolog	Cell Cycle/ Apoptosis
1375692_at	5	AI229025	*Mapk1*	Mitogen activated protein kinase 1	Signal Transduction
1368681_at	6	NM_012636	*Pthlh*	Parathyroid hormone-like peptide	Signal Transduction
1368862_at	6	NM_033230	*Akt1*	v-akt murine thymoma viral oncogene homolog 1	Signal Transduction