

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	$R^2$	Mean	A	B	C
1390430_at	0.976	1.292	-1.206	0.266	-4.694
1393730_at	0.974	1.116	-0.737	0.263	-8.513
1370541_at	0.967	1.336	-1.264	0.266	-4.715
1367774_at	0.966	0.995	-0.385	0.265	-6.455
1370847_at	0.966	1.178	-1.086	0.257	-8.716
1370510_a_at	0.964	1.199	-0.992	0.257	-8.111
1371940_at	0.964	0.989	-0.181	0.261	-9.139
1378174_at	0.964	1.212	-0.654	0.259	-8.457
1393927_at	0.964	0.970	0.473	0.263	-12.182
1390199_at	0.959	0.986	-0.271	0.260	-8.379
1388176_at	0.957	1.064	-0.824	0.262	-5.581
1373114_at	0.955	0.976	-0.396	0.265	-8.534
1373727_at	0.955	1.056	-0.488	0.264	-8.436
1383680_at	0.952	0.999	-0.251	0.261	-9.405
1382031_at	0.95	0.965	-0.620	0.265	-6.446
1371832_at	0.949	0.969	-0.301	0.264	-8.117
1379467_at	0.948	1.027	-0.826	0.264	-6.353
1381409_at	0.948	0.904	-0.449	0.264	-7.908
1368869_at	0.947	1.056	-0.410	0.260	-8.755
1378745_at	0.945	1.582	-1.491	0.268	-4.940
1389322_at	0.943	1.013	0.194	0.259	-11.701
1393696_at	0.942	1.011	-0.522	0.266	-8.730
1368795_at	0.939	1.076	-0.512	0.262	-8.699
1377635_at	0.939	1.068	-0.841	0.265	-6.205
1383439_at	0.938	1.566	-1.574	0.259	-8.640
1390255_at	0.938	0.988	-0.283	0.259	-8.954
1377116_at	0.937	0.988	-0.177	0.260	-9.195
1398773_at	0.936	1.007	0.176	0.263	-6.818
1386895_at	0.934	0.996	-0.128	0.258	-9.593
1374784_at	0.933	1.001	0.177	0.263	-7.150
1387074_at	0.933	0.970	-0.258	0.257	-3.777
1392149_at	0.932	1.028	-0.216	0.266	-4.939
1378482_at	0.929	1.009	0.205	0.261	-11.109
1388902_at	0.927	0.980	-0.379	0.261	-9.031
1375138_at	0.926	1.057	-0.376	0.263	-5.942
1386641_at	0.926	1.103	-0.781	0.264	-5.288
1373578_at	0.925	1.018	0.241	0.269	-12.135
1392510_at	0.925	1.042	-0.330	0.266	-5.984
1381533_at	0.924	1.000	-0.420	0.263	-8.033
1390517_at	0.922	0.981	-0.162	0.262	-9.555

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	$R^2$	Mean	A	B	C
1399030_at	0.922	1.062	-0.299	0.253	-8.692
1367860_a_at	0.92	1.054	0.407	0.259	-12.047
1374277_at	0.919	0.985	-0.276	0.265	-8.351
1370048_at	0.918	1.010	-0.232	0.263	-5.534
1371583_at	0.918	0.969	-0.302	0.262	-3.903
1381975_at	0.918	0.994	-0.388	0.262	-9.042
1376711_at	0.916	1.010	-0.288	0.267	-3.993
1369919_at	0.915	1.137	-0.855	0.264	-5.242
1367771_at	0.913	0.970	-0.503	0.264	-5.973
1372232_at	0.913	1.001	-0.122	0.256	-8.926
1376239_at	0.913	1.037	-0.350	0.255	-8.692
1367814_at	0.912	1.025	-0.322	0.264	-5.966
1390819_at	0.912	1.186	-0.685	0.267	-5.294
1391570_at	0.911	1.007	-0.345	0.258	-8.995
1394361_a_at	0.911	1.049	-0.532	0.265	-9.226
1371923_at	0.909	0.992	-0.269	0.260	-8.749
1367905_at	0.908	1.038	-0.401	0.267	-8.676
1374575_at	0.908	0.972	-0.412	0.260	-8.420
1378982_at	0.908	1.074	-0.497	0.270	-5.155
1386864_at	0.908	1.008	0.079	0.256	-11.085
1395986_at	0.908	1.011	-0.263	0.262	-3.827
1368304_at	0.907	1.164	-0.905	0.266	-5.772
1369943_at	0.907	1.046	-0.224	0.256	-8.010
1385374_at	0.907	1.200	-0.739	0.266	-5.152
1391240_at	0.907	0.942	-0.479	0.259	-8.035
1392990_at	0.907	1.011	0.180	0.261	-10.851
1372926_at	0.906	1.026	-0.416	0.258	-5.837
1373195_at	0.906	1.016	0.260	0.261	-6.631
1395178_at	0.906	1.110	-0.534	0.267	-5.477
1368172_a_at	0.905	0.989	-0.300	0.260	-9.266
1390107_at	0.905	1.017	-0.325	0.261	-9.202
1372752_at	0.904	1.044	-0.481	0.270	-5.607
1373672_at	0.904	1.007	0.186	0.262	-6.689
1374496_at	0.904	1.033	-0.221	0.256	-9.138
1368488_at	0.902	1.054	-0.615	0.256	-7.776
1370859_at	0.902	1.015	0.128	0.263	-10.979
1367631_at	0.901	0.971	-0.429	0.266	-6.233
1378225_at	0.901	0.985	0.307	0.261	-12.066
1386946_at	0.901	1.033	-0.242	0.267	-4.339
1393356_at	0.901	1.011	0.140	0.265	-7.011

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	$R^2$	Mean	A	B	C
1368342_at	0.9	1.030	-0.376	0.263	-9.095
1371333_at	0.9	1.030	0.218	0.265	-6.650
1389404_at	0.9	0.992	-0.385	0.259	-8.015
1392670_at	0.9	1.014	0.166	0.265	-6.816
1395753_at	0.9	1.390	-0.998	0.255	-8.038
1387970_at	0.899	0.973	0.233	0.259	-6.444
1392177_at	0.899	1.017	-0.226	0.262	-5.208
1368778_at	0.898	1.019	-0.289	0.266	-5.078
1394919_at	0.898	1.020	-0.322	0.264	-8.961
1367729_at	0.897	0.993	-0.131	0.265	-7.065
1369636_at	0.897	1.039	-0.264	0.266	-5.577
1369136_at	0.896	1.132	-0.968	0.264	-5.611
1370209_at	0.896	1.091	-0.397	0.268	-5.130
1374591_at	0.895	1.012	0.231	0.259	-6.717
1376702_at	0.895	1.000	-0.502	0.266	-6.264
1372042_at	0.894	0.989	-0.218	0.265	-9.524
1374065_at	0.894	1.033	0.252	0.260	-11.747
1383641_at	0.894	1.013	-0.326	0.263	-8.942
1368256_at	0.893	1.101	-0.456	0.262	-5.929
1373681_at	0.893	1.048	-0.290	0.256	-8.287
1378462_at	0.893	1.006	-0.233	0.263	-9.357
1384285_at	0.893	1.015	-0.301	0.265	-8.389
1398873_at	0.893	0.988	-0.143	0.259	-9.192
1368422_at	0.892	0.994	-0.339	0.264	-9.026
1373882_at	0.892	1.053	-0.620	0.265	-3.474
1387101_at	0.892	0.990	0.193	0.264	-11.608
1387294_at	0.891	1.003	0.178	0.260	-11.744
1377695_at	0.89	0.991	-0.316	0.261	-7.249
1379597_at	0.89	0.981	0.181	0.262	-6.819
1382914_at	0.89	1.001	0.198	0.263	-11.495
1389355_at	0.89	1.005	0.154	0.262	-11.368
1368868_at	0.889	1.097	-0.353	0.256	-8.427
1374709_at	0.889	1.178	-0.669	0.267	-5.303
1384469_at	0.889	1.035	-0.307	0.265	-5.085
1386097_at	0.889	1.025	-0.401	0.261	-5.218
1377330_at	0.888	1.024	-0.415	0.258	-8.221
1397184_at	0.888	0.991	-0.315	0.263	-3.603
1367982_at	0.887	1.093	-0.425	0.268	-5.411
1380425_at	0.886	1.009	-0.186	0.263	-9.452
1368200_at	0.884	1.033	-0.291	0.257	-8.226

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1368542_at	0.884	1.001	0.194	0.259	-11.791
1369178_a_at	0.884	0.985	-0.292	0.264	-9.065
1374991_at	0.884	1.017	-0.264	0.267	-5.157
1388640_at	0.884	1.051	0.225	0.254	-11.498
1370540_at	0.883	1.345	-1.208	0.268	-4.776
1376619_at	0.883	1.016	0.232	0.261	-6.744
1382385_at	0.883	0.970	-0.200	0.257	-9.249
1392203_at	0.883	1.033	-0.239	0.265	-8.308
1373524_at	0.882	1.016	-0.174	0.264	-9.318
1390727_at	0.882	0.988	-0.219	0.263	-9.175
1393062_at	0.882	0.989	0.105	0.259	-11.949
1367866_at	0.881	1.001	0.200	0.262	-6.911
1368144_at	0.881	1.017	-0.270	0.261	-4.216
1370019_at	0.881	0.967	-0.363	0.262	-6.063
1373315_at	0.881	0.961	0.413	0.262	-6.127
1374349_at	0.881	1.005	0.171	0.265	-8.257
1377982_at	0.881	1.032	-0.377	0.254	-8.180
1379043_at	0.881	1.006	0.199	0.260	-11.097
1389456_at	0.881	1.003	-0.254	0.262	-8.311
1369871_at	0.88	1.005	-0.737	0.264	-6.471
1377369_at	0.88	0.999	0.147	0.259	-6.730
1386529_at	0.88	1.008	0.270	0.266	-6.766
1374855_at	0.879	1.009	-0.755	0.270	-5.371
1377163_at	0.879	1.020	0.164	0.259	-11.290
1371636_at	0.878	1.025	-0.104	0.262	-8.964
1373887_at	0.878	1.036	-0.221	0.266	-4.119
1387896_at	0.878	1.037	0.170	0.260	-6.646
1368408_at	0.877	1.002	0.193	0.261	-11.444
1389836_a_at	0.877	1.022	-0.283	0.269	-6.184
1372268_at	0.876	1.015	0.260	0.266	-6.952
1393335_at	0.876	1.007	0.242	0.263	-6.696
1374643_at	0.875	0.983	-0.323	0.263	-8.983
1383312_at	0.875	1.019	-0.220	0.254	-8.087
1390463_at	0.875	1.021	0.164	0.258	-6.559
1392627_x_at	0.875	1.019	-0.187	0.264	-5.063
1371818_at	0.874	0.984	0.091	0.257	-7.628
1372801_at	0.874	0.982	-0.150	0.259	-9.444
1379333_at	0.874	0.985	-0.385	0.264	-8.960
1379732_at	0.874	0.986	0.212	0.259	-11.369
1388527_at	0.874	0.976	-0.219	0.261	-9.225

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1389448_at	0.874	1.045	-0.280	0.254	-8.829
1388898_at	0.873	0.950	-0.370	0.260	-6.735
1393883_at	0.873	0.999	0.214	0.260	-6.536
1369060_a_at	0.872	1.010	-0.140	0.263	-9.181
1371864_at	0.872	1.107	-0.378	0.268	-5.128
1375945_at	0.872	1.026	-0.261	0.266	-4.100
1376574_at	0.872	1.021	0.195	0.256	-11.448
1378156_at	0.872	1.023	-0.412	0.267	-6.060
1386937_at	0.872	1.051	-0.310	0.262	-5.785
1393610_at	0.872	1.062	-0.311	0.261	-5.165
1398431_at	0.872	1.038	-0.230	0.259	-7.879
1368473_at	0.871	1.009	0.219	0.256	-11.330
1370524_at	0.871	1.014	-0.143	0.259	-9.021
1376208_at	0.871	0.976	-0.245	0.263	-5.688
1385585_at	0.871	1.189	-0.634	0.270	-5.281
1389007_at	0.871	1.021	-0.249	0.257	-9.076
1373905_at	0.87	1.003	-0.168	0.261	-9.266
1377198_at	0.87	1.019	-0.204	0.256	-9.004
1379359_at	0.87	0.990	-0.165	0.265	-9.533
1379405_at	0.87	1.047	0.304	0.261	-6.552
1379833_at	0.87	0.941	-0.488	0.266	-6.867
1391946_at	0.87	0.995	-0.319	0.261	-8.514
1373850_at	0.869	1.006	0.171	0.265	-8.405
1393075_at	0.869	1.058	-0.317	0.266	-7.153
1397380_at	0.869	0.995	0.134	0.259	-7.775
1367759_at	0.868	1.015	-0.238	0.264	-9.375
1372512_at	0.868	1.008	0.173	0.256	-11.597
1372002_at	0.867	1.005	0.173	0.265	-11.753
1380777_at	0.867	1.123	-0.425	0.269	-5.456
1382302_at	0.867	1.019	-0.302	0.265	-8.538
1395030_at	0.867	1.073	-0.498	0.268	-4.723
1385229_at	0.866	1.072	-0.586	0.259	-5.691
1387561_at	0.866	0.993	-0.413	0.258	-5.380
1398894_at	0.866	1.013	-0.157	0.255	-8.806
1367720_at	0.865	1.009	-0.157	0.266	-9.440
1376523_at	0.865	0.996	-0.326	0.263	-5.176
1390901_at	0.865	0.973	-0.214	0.265	-9.316
1392301_at	0.865	1.026	-0.207	0.253	-8.825
1368303_at	0.864	1.034	-0.822	0.267	-5.843
1370816_at	0.864	2.598	-3.440	0.270	-4.355

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1381996_at	0.864	1.054	-0.266	0.267	-3.871
1391428_at	0.864	1.022	0.146	0.267	-7.243
1394574_at	0.864	1.089	-0.247	0.272	-5.017
1397335_at	0.864	1.016	-0.278	0.259	-4.861
1373147_at	0.863	1.029	0.139	0.263	-6.779
1375223_at	0.863	0.995	0.172	0.257	-6.854
1383906_at	0.863	0.987	-0.221	0.256	-9.093
1388558_at	0.863	1.004	0.104	0.267	-8.323
1390738_at	0.862	1.008	0.158	0.259	-11.061
1393634_at	0.862	0.934	-0.517	0.264	-5.723
1373312_at	0.861	1.035	-0.291	0.254	-8.730
1373351_at	0.861	0.993	-0.235	0.266	-9.656
1375908_at	0.861	0.985	-0.180	0.271	-8.924
1378081_at	0.861	0.973	0.277	0.270	-6.612
1387219_at	0.861	1.022	-0.601	0.262	-8.445
1388686_at	0.861	1.023	-0.230	0.263	-8.217
1392549_at	0.861	1.070	-0.527	0.258	-8.014
1370389_at	0.86	1.037	0.258	0.268	-6.927
1372920_at	0.86	1.010	-0.318	0.258	-7.096
1376165_at	0.86	1.001	-0.177	0.256	-9.466
1380180_at	0.86	1.117	-0.475	0.267	-3.550
1382017_at	0.86	1.034	-0.371	0.265	-9.391
1387128_at	0.86	1.063	-0.303	0.264	-5.408
1372613_at	0.859	0.979	-0.177	0.262	-4.321
1375346_at	0.859	1.017	-0.199	0.257	-9.199
1378144_at	0.859	1.072	-0.403	0.261	-8.777
1384163_at	0.858	1.017	0.134	0.263	-6.831
1388921_at	0.858	1.000	-0.277	0.261	-7.193
1392913_at	0.858	0.997	0.152	0.257	-11.387
1393368_at	0.858	1.007	-0.134	0.257	-9.605
1371651_at	0.857	1.009	-0.155	0.257	-9.456
1378127_at	0.857	1.021	-0.181	0.261	-9.585
1390603_at	0.857	0.983	-0.199	0.259	-4.971
1397781_at	0.857	1.010	0.129	0.263	-11.775
1373156_at	0.856	1.012	0.307	0.261	-12.050
1388925_at	0.856	0.999	-0.109	0.262	-9.226
1390956_at	0.856	1.052	-0.411	0.265	-5.711
1370634_x_at	0.855	1.118	-0.432	0.254	-8.150
1377194_a_at	0.855	1.002	-0.128	0.260	-8.940
1388127_at	0.855	0.982	-0.154	0.267	-8.728

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1393314_at	0.855	1.055	-0.300	0.257	-9.027
1367550_a_at	0.854	0.995	-0.136	0.261	-9.352
1372818_at	0.854	1.011	0.368	0.265	-0.329
1375612_at	0.854	1.005	0.181	0.261	-6.930
1382141_at	0.853	1.021	0.179	0.262	-7.163
1385171_s_at	0.853	0.971	-0.238	0.263	-7.133
1386807_at	0.853	1.058	0.414	0.263	-12.234
1395966_at	0.853	1.009	0.172	0.266	-8.048
1369115_at	0.852	1.022	0.215	0.265	-8.558
1376909_at	0.852	1.078	-0.277	0.272	-4.750
1378342_at	0.852	0.976	-0.296	0.265	-8.929
1382993_at	0.852	0.994	0.179	0.254	-11.107
1376623_at	0.851	1.001	-0.117	0.268	-4.912
1384260_at	0.851	1.054	-0.200	0.271	-4.541
1388433_at	0.851	0.977	-0.275	0.269	-7.094
1374615_at	0.85	0.999	-0.166	0.259	-9.335
1375362_at	0.85	0.988	-0.188	0.260	-9.069
1376880_at	0.85	1.005	0.078	0.257	-7.228
1378415_at	0.85	1.012	0.206	0.256	-8.374
1382363_at	0.85	0.936	-0.453	0.256	-5.266
1389340_at	0.85	1.016	0.174	0.261	-6.828
1367668_a_at	0.849	0.998	-0.156	0.271	-7.765
1368991_at	0.849	1.019	-0.439	0.261	-6.361
1379542_at	0.849	0.995	-0.106	0.254	-8.821
1382685_at	0.849	1.013	-0.225	0.257	-3.962
1387121_a_at	0.849	1.028	-0.255	0.262	-5.664
1393933_at	0.849	0.985	-0.180	0.260	-9.664
1397409_s_at	0.849	1.054	-0.590	0.265	-5.707
1371791_at	0.848	1.002	0.178	0.257	-11.524
1372615_at	0.848	0.992	0.176	0.260	-8.280
1381027_at	0.848	1.024	0.264	0.261	-6.546
1388660_at	0.848	0.996	-0.105	0.259	-8.962
1367726_at	0.847	1.110	-0.362	0.251	-8.322
1370991_at	0.847	1.066	-0.538	0.263	-6.034
1373075_at	0.847	1.008	-0.176	0.262	-4.861
1376860_at	0.847	1.013	-0.204	0.265	-9.236
1384388_at	0.847	0.973	0.149	0.261	-11.119
1384717_at	0.847	1.015	-0.186	0.267	-4.176
1387310_at	0.847	0.965	-0.263	0.260	-4.701
1392683_at	0.847	1.021	-0.199	0.270	-9.744

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1394779_at	0.847	1.018	-0.229	0.259	-3.999
1367741_at	0.846	1.044	-0.338	0.267	-5.617
1372565_at	0.846	1.075	-0.303	0.253	-8.301
1376061_at	0.845	0.962	0.260	0.256	-6.323
1377940_at	0.845	0.979	-0.251	0.263	-7.586
1391338_at	0.845	0.983	-0.207	0.259	-9.357
1393508_at	0.845	1.004	0.319	0.267	-6.512
1394721_at	0.845	0.981	-0.146	0.259	-5.778
1396144_at	0.845	0.964	0.296	0.263	-6.316
1367755_at	0.844	1.085	-0.489	0.268	-6.048
1372274_at	0.844	1.009	0.063	0.256	-6.696
1373151_at	0.844	0.986	-0.111	0.255	-9.493
1390384_at	0.844	1.030	-0.145	0.255	-7.822
1399001_at	0.844	1.000	0.066	0.258	-7.256
1370283_at	0.843	1.012	-0.210	0.264	-7.518
1372938_at	0.843	1.009	0.090	0.260	-6.179
1375278_at	0.843	0.967	0.225	0.269	-11.996
1385926_at	0.843	1.013	0.215	0.268	-11.966
1393263_at	0.843	0.983	0.176	0.258	-11.634
1369500_at	0.842	1.032	-0.212	0.261	-5.564
1370363_at	0.842	1.003	-0.206	0.272	-6.968
1376198_at	0.842	1.004	0.242	0.256	-11.574
1379483_at	0.842	1.102	-0.385	0.270	-5.292
1389632_at	0.842	0.984	-0.158	0.266	-5.557
1393432_a_at	0.842	1.003	-0.155	0.266	-9.781
1395644_at	0.842	1.004	-0.326	0.259	-8.847
1395928_at	0.842	1.011	-0.176	0.261	-9.448
1368249_at	0.841	1.090	-0.504	0.272	-5.428
1371505_at	0.841	1.003	0.107	0.263	-10.877
1371999_at	0.841	1.003	-0.159	0.264	-9.534
1372810_at	0.841	1.004	-0.160	0.262	-9.546
1381969_at	0.841	1.012	-0.152	0.264	-9.322
1382512_at	0.841	1.038	-0.258	0.253	-5.268
1383080_at	0.841	0.986	-0.107	0.258	-9.105
1384227_at	0.841	1.000	-0.269	0.260	-9.376
1385148_at	0.841	1.073	0.390	0.253	-11.834
1387874_at	0.841	3.628	-4.205	0.273	-4.957
1389150_at	0.841	0.995	-0.109	0.268	-9.936
1397225_at	0.841	1.613	-1.680	0.267	-5.497
1398255_at	0.841	1.000	-0.152	0.257	-7.029



**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	$R^2$	Mean	A	B	C
1382199_at	0.84	0.984	-0.346	0.261	-4.784
1387395_at	0.84	1.018	-0.179	0.253	-6.850
1388883_at	0.84	1.019	-0.142	0.252	-8.701
1392966_at	0.84	0.990	-0.122	0.262	-8.605
1373631_at	0.839	1.011	0.180	0.260	-11.569
1375085_at	0.839	1.020	-0.320	0.257	-8.583
1382211_at	0.839	0.999	-0.189	0.264	-9.671
1385456_at	0.839	1.093	-0.435	0.256	-8.633
1387795_at	0.839	1.063	-0.349	0.258	-9.184
1392111_at	0.839	0.991	0.114	0.256	-11.385
1372325_at	0.838	1.045	0.370	0.251	-11.775
1377080_at	0.838	1.028	0.185	0.269	-7.017
1381149_at	0.838	1.001	-0.391	0.255	-5.229
1383349_at	0.838	0.993	0.110	0.270	-12.310
1390153_at	0.838	1.033	-0.313	0.262	-9.061
1394726_at	0.838	1.012	0.198	0.264	-7.033
1370086_at	0.837	1.035	-0.418	0.267	-8.218
1382404_at	0.837	0.999	-0.150	0.259	-8.529
1388395_at	0.837	0.976	-0.313	0.269	-7.963
1397453_at	0.837	1.023	-0.329	0.257	-5.349
1370928_at	0.836	1.008	0.195	0.261	-11.793
1373864_at	0.836	1.002	-0.150	0.257	-9.273
1374990_at	0.836	0.997	0.126	0.266	-7.351
1385274_at	0.836	1.031	0.250	0.256	-6.454
1398024_at	0.836	1.208	-0.727	0.259	-8.048
1368989_at	0.835	0.986	-0.474	0.260	-6.051
1372160_at	0.835	1.015	-0.145	0.257	-8.442
1376036_at	0.835	1.010	-0.225	0.261	-9.498
1378315_at	0.835	1.025	0.183	0.257	-11.167
1382175_at	0.835	0.989	-0.133	0.264	-9.051
1386080_at	0.835	0.960	-0.214	0.268	-5.155
1393135_at	0.835	0.963	0.210	0.263	-11.681
1398886_at	0.835	1.010	0.161	0.254	-6.651
1390731_at	0.834	1.080	-0.360	0.272	-5.555
1391780_at	0.834	1.408	-1.170	0.271	-5.410
1395957_at	0.834	1.003	-0.226	0.257	-4.840
1369979_at	0.833	1.004	-0.177	0.256	-9.161
1372016_at	0.833	1.006	-0.217	0.262	-4.814
1379081_at	0.833	1.104	-0.546	0.260	-8.489
1381923_at	0.833	1.028	-0.259	0.260	-7.774

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1388271_at	0.833	1.028	-0.352	0.263	-5.792
1388412_at	0.833	1.000	0.078	0.261	-6.218
1388426_at	0.833	0.994	0.227	0.264	-11.081
1393806_at	0.833	1.009	0.136	0.256	-6.500
1392249_at	0.832	1.020	0.154	0.260	-7.738
1369725_at	0.831	1.034	-0.236	0.271	-5.501
1374355_at	0.831	0.969	-0.265	0.258	-9.287
1384501_at	0.831	1.018	-0.184	0.266	-5.150
1389085_at	0.831	0.970	0.217	0.263	-10.754
1389341_at	0.831	0.986	-0.312	0.262	-9.104
1368964_at	0.83	0.979	-0.227	0.264	-9.192
1371899_at	0.83	0.998	0.119	0.254	-5.946
1373364_at	0.83	0.977	-0.144	0.262	-9.319
1373401_at	0.83	0.967	-0.440	0.261	-3.382
1373477_at	0.83	1.008	-0.083	0.259	-9.029
1373654_at	0.83	1.007	-0.244	0.271	-6.922
1382534_at	0.83	1.022	-0.196	0.265	-5.518
1392675_at	0.83	1.123	-0.626	0.261	-5.329
1370332_at	0.829	1.111	-0.411	0.250	-8.221
1374434_at	0.829	1.052	-0.350	0.274	-5.438
1374885_at	0.829	0.995	-0.166	0.266	-9.772
1376481_at	0.829	1.069	-0.237	0.258	-7.887
1398913_at	0.829	1.018	-0.100	0.253	-8.809
1368016_at	0.828	0.992	0.202	0.273	-9.875
1372317_at	0.828	1.021	0.149	0.256	-11.045
1380318_at	0.828	1.055	-0.488	0.270	-3.565
1380829_at	0.828	0.956	-0.531	0.264	-9.051
1387145_at	0.828	1.024	-0.302	0.261	-7.918
1387781_at	0.828	1.007	-0.112	0.256	-8.757
1399092_at	0.828	1.020	-0.183	0.251	-8.580
1367577_at	0.827	0.997	-0.255	0.270	-6.769
1373934_at	0.827	1.023	-0.163	0.265	-9.094
1375529_at	0.827	1.022	0.147	0.259	-6.539
1381408_at	0.827	1.001	-0.132	0.250	-8.766
1383047_at	0.827	1.010	0.092	0.270	-7.127
1388769_at	0.827	1.004	-0.138	0.258	-8.912
1373923_at	0.826	1.021	0.145	0.266	-8.017
1375692_at	0.826	1.006	0.099	0.258	-7.145
1383368_at	0.826	0.990	0.164	0.260	-6.566
1390145_at	0.826	1.040	-0.179	0.266	-9.615

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1395074_at	0.826	0.984	-0.293	0.262	-6.409
1383155_at	0.825	0.989	0.131	0.264	-7.684
1383205_at	0.825	0.997	-0.185	0.267	-7.468
1383863_at	0.825	1.001	-0.133	0.257	-9.239
1390042_at	0.825	1.001	0.222	0.264	-11.702
1379719_at	0.824	1.002	-0.195	0.260	-4.335
1383237_at	0.824	1.001	0.090	0.266	-6.165
1389519_at	0.824	1.017	0.105	0.254	-11.220
1390843_at	0.824	1.010	0.180	0.258	-11.200
1370691_a_at	0.823	0.996	-0.273	0.255	-9.034
1372319_at	0.823	1.013	0.203	0.263	-8.488
1373298_at	0.823	0.990	-0.168	0.257	-9.275
1374078_at	0.823	1.030	-0.176	0.253	-8.677
1374346_at	0.823	1.051	0.238	0.263	-11.882
1384097_at	0.823	1.031	-0.408	0.260	-8.843
1389289_at	0.823	1.007	-0.089	0.262	-9.156
1368171_at	0.822	0.968	-0.255	0.269	-9.380
1370203_at	0.822	1.011	-0.165	0.256	-9.093
1373576_at	0.822	1.006	-0.102	0.256	-9.592
1380055_at	0.822	0.967	-0.307	0.269	-6.435
1375640_at	0.821	1.000	0.087	0.256	-7.842
1376175_at	0.821	1.101	-0.293	0.259	-4.920
1385838_a_at	0.821	1.006	-0.147	0.263	-9.331
1389073_at	0.821	0.987	0.172	0.254	-11.572
1389131_at	0.821	1.023	-0.209	0.261	-9.261
1392001_at	0.821	1.065	-0.640	0.258	-8.104
1399027_at	0.821	1.045	0.175	0.254	-11.356
1369484_at	0.82	1.028	-0.265	0.263	-8.594
1372193_at	0.82	1.005	-0.195	0.262	-9.546
1373036_at	0.82	1.025	0.276	0.267	-12.058
1377731_at	0.82	0.990	0.100	0.265	-6.302
1388874_at	0.82	1.013	-0.126	0.263	-9.831
1373087_at	0.819	1.009	-0.175	0.261	-9.598
1380306_at	0.819	1.653	-1.760	0.267	-5.499
1385540_at	0.819	1.000	-0.152	0.261	-9.352
1392578_at	0.819	1.199	-0.658	0.273	-5.518
1392888_at	0.819	1.017	-0.131	0.262	-9.699
1395762_at	0.819	0.985	-0.217	0.257	-5.670
1370043_at	0.818	0.987	0.111	0.258	-8.161
1376770_at	0.818	0.979	-0.325	0.267	-8.582

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1380100_at	0.818	0.978	-0.331	0.264	-9.271
1397764_at	0.818	0.979	-0.155	0.263	-9.402
1397915_at	0.818	1.004	0.149	0.258	-7.964
1368080_at	0.817	1.000	-0.212	0.268	-5.644
1369635_at	0.817	1.017	-0.258	0.259	-5.665
1371731_at	0.817	1.025	-0.297	0.257	-8.639
1373076_at	0.817	1.010	0.213	0.261	-6.676
1375056_at	0.817	1.000	0.109	0.265	-7.265
1379982_at	0.817	0.998	0.094	0.256	-8.346
1383611_at	0.817	0.998	-0.151	0.262	-9.619
1384904_at	0.817	1.083	-0.406	0.267	-5.868
1389138_at	0.817	1.011	-0.156	0.269	-9.617
1396620_at	0.817	0.960	-0.325	0.260	-8.725
1374368_at	0.816	1.021	-0.191	0.267	-9.469
1378292_at	0.816	0.952	-0.329	0.259	-6.107
1389613_at	0.816	1.018	0.167	0.266	-6.783
1368202_a_at	0.815	0.987	0.097	0.253	-6.889
1371769_at	0.815	1.037	-0.250	0.250	-8.676
1387083_at	0.815	1.030	0.168	0.254	-11.066
1388901_at	0.815	1.195	-0.574	0.270	-5.605
1389162_at	0.815	1.011	-0.082	0.259	-8.851
1390770_at	0.815	1.007	-0.208	0.264	-6.433
1370973_at	0.814	0.994	-0.208	0.265	-9.460
1373860_at	0.814	1.097	-0.344	0.253	-8.436
1374286_at	0.814	0.999	0.092	0.259	-6.306
1378753_at	0.814	1.018	-0.117	0.256	-8.901
1389782_at	0.814	0.994	-0.123	0.265	-9.329
1376762_at	0.813	1.003	-0.143	0.262	-9.461
1393119_at	0.813	0.999	-0.129	0.261	-8.193
1372701_at	0.812	1.006	-0.158	0.268	-7.149
1372749_at	0.812	0.999	0.091	0.259	-6.511
1376470_at	0.812	1.003	0.314	0.267	-6.537
1377457_a_at	0.812	0.992	-0.185	0.259	-9.629
1379433_at	0.812	0.970	0.150	0.254	-7.883
1371046_at	0.811	0.981	-0.267	0.255	-4.647
1374798_at	0.811	1.025	0.181	0.272	-6.866
1377789_at	0.811	0.971	-0.223	0.266	-9.728
1378010_at	0.811	0.988	-0.173	0.264	-9.547
1381018_a_at	0.811	0.999	0.190	0.256	-6.738
1382106_at	0.811	1.068	-0.412	0.259	-5.081

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1383597_at	0.811	0.980	0.147	0.255	-8.604
1388662_at	0.811	1.008	-0.149	0.263	-5.450
1395557_at	0.811	0.955	-0.462	0.254	-5.228
1398051_at	0.811	1.016	-0.266	0.256	-5.283
1398131_at	0.811	1.050	-0.443	0.264	-8.997
1372100_at	0.81	0.991	-0.102	0.258	-8.974
1373683_at	0.81	0.996	0.128	0.263	-6.911
1375562_at	0.81	1.028	-0.237	0.265	-6.142
1380937_at	0.81	0.972	0.172	0.256	-7.723
1387109_at	0.81	1.070	-0.309	0.275	-5.562
1388111_at	0.81	1.143	-0.669	0.248	-8.593
1389021_at	0.81	0.998	0.074	0.256	-10.990
1390489_at	0.81	1.017	-0.187	0.269	-9.692
1391325_at	0.81	1.037	-0.221	0.264	-3.895
1393632_at	0.81	1.051	-0.219	0.264	-4.450
1380636_at	0.809	1.006	-0.314	0.252	-8.232
1384871_at	0.809	1.102	-0.379	0.258	-5.214
1390841_at	0.809	0.984	0.160	0.261	-11.659
1368073_at	0.808	0.990	0.115	0.265	-11.821
1376265_at	0.808	1.035	-0.285	0.268	-5.769
1383919_at	0.808	0.990	0.166	0.260	-6.895
1384605_at	0.808	0.990	-0.185	0.258	-9.535
1390141_at	0.808	1.026	-0.333	0.266	-5.468
1395275_at	0.808	0.998	0.153	0.258	-7.668
1372772_at	0.807	1.013	-0.154	0.259	-9.228
1381311_at	0.807	1.004	-0.317	0.259	-9.072
1383806_at	0.807	1.027	-0.153	0.252	-8.703
1389017_at	0.807	0.998	-0.103	0.254	-9.127
1389287_at	0.807	1.009	-0.111	0.267	-9.721
1390151_at	0.807	0.998	-0.140	0.263	-9.213
1390441_at	0.807	1.027	-0.188	0.272	-4.411
1393197_at	0.807	1.026	0.189	0.254	-10.932
1372162_at	0.806	1.037	0.212	0.258	-11.682
1373507_at	0.806	0.991	0.119	0.267	-12.260
1374509_at	0.806	1.000	-0.118	0.255	-9.372
1376581_at	0.806	0.986	-0.196	0.267	-9.375
1389496_at	0.806	1.026	-0.261	0.264	-9.322
1391187_at	0.806	1.056	-0.269	0.268	-5.772
1392316_at	0.806	1.004	-0.142	0.261	-4.947
1370642_s_at	0.805	1.081	-0.351	0.248	-8.484

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1371785_at	0.805	1.014	-0.272	0.258	-7.081
1379436_a_at	0.805	1.011	-0.263	0.254	-8.582
1383189_at	0.805	0.970	-0.306	0.261	-9.132
1385132_at	0.805	1.019	-0.163	0.258	-6.081
1394467_at	0.805	0.927	-0.375	0.259	-5.385
1397624_at	0.805	0.999	-0.108	0.265	-9.829
1367478_at	0.804	1.004	-0.150	0.261	-9.629
1373282_at	0.804	1.031	-0.322	0.271	-5.287
1374539_at	0.804	1.009	-0.128	0.264	-8.640
1375450_at	0.804	1.006	0.092	0.262	-6.340
1389651_at	0.804	1.041	-0.261	0.255	-8.887
1391077_at	0.804	0.949	-0.220	0.266	-8.387
1393060_at	0.804	1.021	-0.240	0.268	-6.991
1368223_at	0.803	1.015	-0.168	0.263	-4.767
1373047_at	0.803	1.008	-0.169	0.259	-9.546
1374322_at	0.803	1.001	0.091	0.260	-6.417
1376957_at	0.803	0.976	-0.168	0.253	-9.107
1377492_at	0.803	1.433	-0.931	0.274	-4.974
1379137_at	0.803	0.932	-0.201	0.267	-5.326
1382252_at	0.803	1.015	-0.163	0.266	-9.492
1383651_a_at	0.803	0.992	-0.124	0.267	-9.408
1383894_at	0.803	1.004	0.073	0.263	-8.087
1385158_at	0.803	1.002	0.171	0.269	-6.875
1385973_at	0.803	1.825	-2.309	0.267	-5.681
1387658_at	0.803	1.041	-0.187	0.270	-5.003
1389395_at	0.803	0.980	-0.240	0.256	-8.918
1392613_at	0.803	1.407	-1.352	0.267	-5.465
1372935_at	0.802	0.987	0.185	0.253	-11.395
1373092_at	0.802	1.014	0.157	0.265	-7.996
1385961_at	0.802	0.982	-0.277	0.255	-5.159
1379085_at	0.801	0.999	0.169	0.257	-7.044
1379627_at	0.801	0.992	-0.131	0.254	-4.874
1391474_at	0.801	0.992	-0.133	0.264	-9.254
1393898_at	0.801	0.998	-0.420	0.262	-3.562
1398582_at	0.801	0.966	-0.216	0.255	-5.006
1367939_at	0.8	1.004	-0.197	0.256	-9.169
1374251_at	0.8	1.033	-0.250	0.267	-5.936
1377148_at	0.8	1.064	-0.485	0.254	-4.942
1381043_at	0.8	1.039	-0.210	0.253	-8.819
1381611_at	0.8	1.019	-0.123	0.261	-5.732

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1383169_at	0.8	0.981	0.094	0.258	-8.162
1392640_at	0.8	0.927	-0.413	0.266	-6.946
1368549_at	0.799	1.008	0.086	0.259	-7.371
1370975_at	0.799	0.990	-0.103	0.254	-8.780
1371890_at	0.799	1.012	0.144	0.268	-7.959
1379397_at	0.799	1.005	-0.264	0.257	-5.288
1382266_at	0.799	1.056	-0.250	0.269	-4.286
1382474_at	0.799	1.009	-0.133	0.265	-9.702
1384756_at	0.799	0.998	-0.219	0.258	-5.027
1393813_at	0.799	0.983	-0.297	0.251	-5.011
1371014_at	0.798	1.059	-0.459	0.260	-3.289
1371429_at	0.798	0.984	-0.164	0.249	-9.006
1371516_at	0.798	0.986	0.087	0.256	-11.770
1383452_at	0.798	0.984	-0.099	0.256	-9.552
1385798_at	0.798	1.019	-0.303	0.270	-9.278
1385851_at	0.798	1.009	-0.184	0.252	-8.976
1387205_at	0.798	1.015	0.149	0.261	-11.508
1391002_at	0.798	0.989	-0.177	0.267	-5.638
1384355_at	0.797	1.048	-0.273	0.257	-5.612
1393309_at	0.797	0.998	-0.130	0.259	-9.385
1372463_at	0.796	1.005	0.086	0.268	-6.557
1375067_at	0.796	0.995	-0.112	0.262	-9.241
1379258_at	0.796	1.010	0.126	0.263	-6.270
1380638_at	0.796	1.014	-0.236	0.261	-5.777
1393917_at	0.796	1.041	-0.483	0.265	-6.201
1394766_at	0.796	1.002	-0.352	0.258	-3.838
1399004_at	0.796	0.998	0.086	0.257	-6.161
1368538_at	0.795	1.002	-0.195	0.260	-9.646
1370964_at	0.795	1.061	-0.259	0.259	-7.910
1373399_at	0.795	1.029	-0.208	0.250	-8.786
1374029_at	0.795	1.006	0.198	0.255	-11.219
1379482_at	0.795	0.998	0.096	0.270	-11.799
1383064_at	0.795	0.998	-0.207	0.258	-9.260
1383494_at	0.795	1.018	-0.226	0.257	-9.233
1388446_at	0.795	0.998	-0.115	0.258	-9.643
1389587_at	0.795	1.032	0.116	0.261	-10.804
1391255_at	0.795	0.974	-0.243	0.257	-8.928
1395826_at	0.795	1.006	0.166	0.256	-7.875
1398797_at	0.795	1.027	0.098	0.267	-6.926
1376632_at	0.794	0.998	0.198	0.260	-11.685

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1381058_at	0.794	1.038	0.213	0.266	-6.911
1386145_at	0.794	1.052	0.224	0.267	-6.733
1395536_at	0.794	1.024	-0.205	0.259	-9.205
1397070_at	0.794	1.005	-0.245	0.270	-6.080
1398988_at	0.794	0.999	-0.139	0.265	-9.574
1368792_at	0.793	1.052	-0.325	0.258	-5.725
1374209_at	0.793	1.008	0.076	0.262	-6.184
1378131_at	0.793	1.019	-0.160	0.261	-9.438
1379112_at	0.793	1.008	-0.432	0.259	-5.288
1379361_at	0.793	1.018	-0.211	0.271	-8.430
1383246_at	0.793	1.003	-0.102	0.260	-9.088
1389319_at	0.793	1.022	0.179	0.256	-11.350
1367900_at	0.792	1.021	0.146	0.257	-6.573
1372154_at	0.792	1.020	-0.130	0.254	-8.183
1373024_at	0.792	1.022	0.107	0.256	-11.420
1376009_at	0.792	1.006	-0.366	0.257	-5.495
1377407_at	0.792	1.215	-0.593	0.260	-8.268
1379141_at	0.792	1.023	-0.509	0.262	-5.394
1382328_at	0.792	1.019	-0.366	0.260	-9.165
1387343_at	0.792	1.050	-0.380	0.272	-5.646
1391131_at	0.792	1.043	-0.283	0.262	-9.333
1370099_at	0.791	0.992	0.151	0.257	-7.638
1370920_at	0.791	1.046	0.139	0.268	-7.023
1371978_at	0.791	0.981	-0.117	0.260	-8.947
1372059_at	0.791	0.994	0.180	0.265	-6.699
1373651_at	0.791	0.975	-0.194	0.267	-15.514
1380611_at	0.791	1.112	-0.589	0.267	-5.612
1391122_at	0.791	1.063	-0.386	0.264	-8.759
1372621_at	0.79	1.010	-0.146	0.251	-9.051
1377576_at	0.79	1.000	0.099	0.264	-6.233
1378814_at	0.79	0.981	-0.133	0.257	-9.709
1379449_at	0.79	1.007	0.093	0.255	-7.220
1392900_at	0.79	1.027	-0.102	0.259	-8.837
1393025_at	0.79	1.033	0.267	0.266	-6.731
1395318_at	0.79	0.987	-0.299	0.259	-5.306
1395859_at	0.79	0.972	0.158	0.263	-8.058
1398514_at	0.79	0.996	-0.492	0.271	-8.658
1374406_at	0.789	1.009	-0.092	0.249	-8.610
1382439_at	0.789	1.033	0.259	0.269	-12.139
1385529_at	0.789	0.972	-0.319	0.261	-8.768



**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1385620_at	0.789	0.969	-0.370	0.261	-6.830
1389089_at	0.789	0.966	-0.166	0.258	-9.182
1397266_at	0.789	1.008	-0.294	0.266	-3.829
1399157_at	0.789	0.977	-0.140	0.254	-9.370
1370941_at	0.788	1.030	-0.161	0.259	-7.440
1372480_at	0.788	1.000	-0.303	0.264	-8.858
1374717_at	0.788	1.025	-0.188	0.263	-9.584
1375523_at	0.788	1.014	-0.158	0.265	-9.714
1378181_at	0.788	1.004	-0.145	0.251	-8.609
1383496_at	0.788	1.002	0.100	0.258	-8.015
1385393_at	0.788	0.989	-0.291	0.255	-4.966
1385783_at	0.788	1.045	-0.182	0.265	-4.832
1395994_at	0.788	1.011	-0.150	0.270	-15.675
1372234_at	0.787	1.009	0.091	0.259	-11.866
1374106_at	0.787	1.002	-0.268	0.266	-9.450
1376862_at	0.787	0.978	-0.136	0.254	-9.260
1388802_at	0.787	1.012	-0.152	0.249	-9.155
1398522_at	0.787	1.003	0.195	0.253	-8.062
1371875_at	0.786	0.997	0.091	0.256	-6.086
1377060_at	0.786	1.024	0.123	0.256	-6.999
1379550_a_at	0.786	0.997	-0.126	0.262	-9.105
1381535_at	0.786	1.003	0.179	0.265	-6.725
1388556_at	0.786	0.998	-0.109	0.253	-8.601
1388688_at	0.786	0.993	-0.126	0.254	-8.726
1389102_at	0.786	0.993	0.083	0.268	-6.642
1373240_at	0.785	1.001	0.124	0.255	-11.206
1376214_at	0.785	0.982	-0.129	0.261	-8.275
1377454_at	0.785	0.950	-0.238	0.263	-9.164
1378805_at	0.785	1.062	-0.495	0.261	-6.742
1381491_at	0.785	1.038	-0.209	0.258	-9.070
1384081_at	0.785	1.392	-1.087	0.273	-5.385
1392157_at	0.785	1.028	-0.234	0.262	-5.985
1394039_at	0.785	1.011	0.178	0.260	-8.372
1394834_at	0.785	1.173	-0.468	0.259	-4.988
1396773_at	0.785	1.012	0.138	0.265	-7.774
1371202_a_at	0.784	0.981	0.153	0.254	-7.930
1372346_at	0.784	0.981	-0.154	0.256	-9.375
1376813_at	0.784	0.978	0.199	0.267	-11.873
1380376_at	0.784	0.988	0.083	0.258	-7.678
1380726_at	0.784	1.061	-0.437	0.251	-5.930

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1382742_at	0.784	1.056	-0.256	0.270	-5.406
1383726_at	0.784	1.027	-0.243	0.257	-5.268
1385093_at	0.784	1.030	0.202	0.250	-11.364
1389688_at	0.784	1.025	-0.191	0.258	-7.174
1390127_at	0.784	0.989	-0.126	0.265	-4.935
1390523_at	0.784	0.978	0.236	0.268	-6.905
1391065_at	0.784	0.987	-0.230	0.259	-5.043
1392652_at	0.784	1.006	-0.279	0.262	-5.216
1397820_at	0.784	0.957	-0.296	0.259	-5.578
1368228_at	0.783	0.987	-0.106	0.260	-9.252
1369637_at	0.783	1.038	0.171	0.251	-11.133
1380737_at	0.783	0.997	0.172	0.261	-11.689
1380811_at	0.783	1.015	-0.158	0.271	-9.766
1383103_at	0.783	1.007	0.089	0.265	-7.219
1383348_at	0.783	0.987	-0.140	0.259	-9.399
1372742_at	0.782	0.989	-0.123	0.255	-9.249
1373829_at	0.782	1.038	0.250	0.263	-6.587
1377917_at	0.782	1.004	-0.090	0.255	-7.215
1379422_at	0.782	1.010	-0.164	0.263	-9.618
1379626_at	0.782	1.010	-0.171	0.266	-9.374
1389867_at	0.782	1.015	-0.148	0.255	-9.076
1367902_at	0.781	1.009	-0.133	0.258	-8.963
1368120_at	0.781	0.992	-0.216	0.257	-4.013
1369638_at	0.781	1.038	0.219	0.267	-8.608
1373641_at	0.781	0.985	0.160	0.255	-11.025
1376379_a_at	0.781	1.023	0.118	0.254	-11.367
1379439_at	0.781	0.996	0.083	0.262	-6.361
1389656_at	0.781	1.012	-0.138	0.259	-15.408
1368928_at	0.78	1.105	-0.394	0.248	-8.257
1375645_at	0.78	0.984	0.162	0.261	-11.046
1380365_at	0.78	1.064	-0.234	0.263	-5.194
1383115_at	0.78	1.007	-0.121	0.253	-8.984
1387058_at	0.78	1.001	0.205	0.264	-11.869
1390274_at	0.78	0.990	-0.160	0.266	-6.218
1390585_at	0.78	1.039	-0.437	0.259	-9.019
1397535_at	0.78	0.996	-0.126	0.258	-4.709
1398662_at	0.78	0.995	-0.179	0.276	-6.049
1369076_at	0.779	1.018	-0.178	0.257	-7.396
1370089_at	0.779	1.041	-0.513	0.254	-4.945
1370927_at	0.779	1.035	0.214	0.260	-10.807

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1373403_at	0.779	0.994	-0.171	0.276	-5.667
1374531_at	0.779	1.032	-0.127	0.275	-5.243
1379477_at	0.779	0.995	-0.236	0.267	-6.273
1388892_at	0.779	0.999	-0.107	0.261	-9.069
1393843_at	0.779	1.018	-0.264	0.264	-9.510
1397944_at	0.779	1.010	0.189	0.261	-11.234
1372213_at	0.778	1.070	-0.362	0.272	-5.711
1373616_at	0.778	0.996	0.052	0.258	-6.331
1374505_at	0.778	1.009	0.199	0.262	-6.827
1374529_at	0.778	1.046	-0.271	0.256	-7.546
1376341_at	0.778	1.045	-0.238	0.269	-4.795
1382390_at	0.778	1.005	-0.135	0.263	-9.619
1383152_at	0.778	1.018	-0.129	0.255	-7.987
1383447_at	0.778	0.967	0.204	0.259	-6.534
1393334_at	0.778	1.014	0.088	0.265	-6.935
1395413_at	0.778	0.966	-0.292	0.256	-5.194
1392553_at	0.777	1.025	-0.195	0.274	-7.245
1393672_at	0.777	0.981	-0.228	0.265	-9.684
1381786_at	0.776	1.044	-0.552	0.254	-5.274
1390159_at	0.776	1.018	-0.212	0.249	-8.737
1390171_at	0.776	1.084	-0.240	0.275	-5.020
1393000_at	0.776	0.979	-0.223	0.264	-9.448
1371730_at	0.775	1.014	-0.100	0.264	-9.793
1373847_at	0.775	0.973	0.186	0.263	-10.930
1387808_at	0.775	1.013	0.187	0.268	-11.696
1388855_at	0.775	1.008	-0.106	0.255	-9.371
1392838_at	0.775	0.952	-0.332	0.255	-5.290
1395246_at	0.775	0.923	-0.262	0.249	-5.158
1398635_at	0.775	1.010	-0.279	0.266	-5.819
1370304_at	0.774	1.017	-0.087	0.249	-8.522
1371091_at	0.774	1.001	-0.171	0.263	-5.408
1380926_at	0.774	0.967	-0.334	0.260	-5.396
1383247_a_at	0.774	0.979	-0.145	0.249	-9.017
1390638_at	0.774	0.938	-0.223	0.262	-9.314
1392490_at	0.774	0.978	0.126	0.255	-8.148
1398245_at	0.774	0.994	-0.437	0.262	-6.497
1399130_at	0.774	1.001	-0.121	0.256	-8.762
1370516_at	0.773	1.039	-0.235	0.251	-8.698
1372298_at	0.773	1.028	-0.113	0.262	-7.419
1373592_at	0.773	1.000	0.165	0.261	-6.669

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1375163_at	0.773	1.002	-0.123	0.253	-8.876
1375649_at	0.773	1.043	-0.255	0.258	-9.027
1388032_a_at	0.773	1.169	-0.521	0.250	-8.046
1388331_at	0.773	0.988	-0.144	0.274	-7.683
1390187_at	0.773	0.992	0.089	0.257	-6.469
1391507_at	0.773	0.997	0.124	0.265	-8.685
1392504_at	0.773	1.050	-0.316	0.256	-5.570
1397343_at	0.773	1.009	-0.166	0.257	-8.814
1368347_at	0.772	0.961	0.396	0.263	-6.214
1372704_at	0.772	1.001	-0.151	0.267	-7.688
1373068_at	0.772	1.023	-0.175	0.274	-4.965
1376160_at	0.772	1.078	-0.225	0.252	-8.008
1376974_at	0.772	1.031	0.212	0.251	-11.075
1383224_at	0.772	1.026	0.175	0.256	-6.617
1388583_at	0.772	0.983	-0.236	0.258	-8.965
1389780_at	0.772	1.065	-0.327	0.270	-3.749
1398771_at	0.772	1.001	0.114	0.263	-11.714
1368829_at	0.771	0.999	-0.216	0.262	-9.429
1371868_at	0.771	1.012	-0.119	0.260	-9.629
1373595_at	0.771	1.003	0.125	0.258	-10.766
1393863_at	0.771	0.998	0.359	0.252	-6.004
1371666_at	0.77	0.989	0.094	0.254	-5.960
1374139_at	0.77	1.010	-0.152	0.268	-5.936
1378540_at	0.77	0.995	0.133	0.252	-6.896
1379461_at	0.77	0.985	0.111	0.254	-7.632
1382809_at	0.77	1.140	-0.637	0.267	-3.658
1390221_at	0.77	0.986	-0.130	0.261	-9.008
1390743_at	0.77	1.002	-0.194	0.250	-8.859
1390831_at	0.77	0.984	0.089	0.260	-7.761
1394524_at	0.77	0.976	0.137	0.252	-11.203
1399150_at	0.77	1.009	0.090	0.264	-7.602
1372721_at	0.769	0.998	0.097	0.264	-11.612
1373017_at	0.769	1.012	-0.106	0.265	-9.827
1373310_at	0.769	0.994	-0.169	0.270	-6.576
1373842_at	0.769	1.009	0.075	0.268	-8.000
1376646_at	0.769	1.025	0.171	0.257	-11.172
1378544_at	0.769	1.000	-0.480	0.258	-5.277
1379688_at	0.769	0.990	-0.187	0.260	-9.321
1383316_at	0.769	1.015	-0.152	0.252	-9.167
1388519_at	0.769	1.013	0.078	0.268	-11.254

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1388678_at	0.769	1.005	-0.077	0.260	-8.869
1391208_at	0.769	0.832	-0.454	0.263	-6.013
1398340_at	0.769	1.005	-0.118	0.254	-8.986
1398356_at	0.769	0.990	-0.129	0.252	-9.095
1371634_at	0.768	0.986	-0.130	0.262	-9.039
1372056_at	0.768	0.997	-0.114	0.269	-9.364
1374156_at	0.768	1.007	0.101	0.255	-7.322
1375546_at	0.768	0.993	0.124	0.251	-11.301
1378291_at	0.768	1.008	-0.127	0.260	-9.483
1379669_at	0.768	1.029	-0.173	0.261	-8.940
1382152_at	0.768	1.006	-0.200	0.259	-9.368
1382294_at	0.768	0.973	-0.166	0.256	-5.191
1387459_at	0.768	1.056	-0.334	0.263	-8.455
1389646_at	0.768	0.999	-0.106	0.266	-9.302
1393909_at	0.768	1.042	-0.284	0.256	-5.563
1398874_at	0.768	0.994	0.097	0.263	-6.309
1367513_at	0.767	1.015	-0.110	0.246	-8.601
1369971_a_at	0.767	1.017	-0.209	0.256	-9.311
1375011_at	0.767	1.024	0.145	0.261	-6.688
1378252_at	0.767	1.029	-0.342	0.270	-6.635
1379375_at	0.767	0.988	-0.133	0.256	-9.335
1383805_at	0.767	1.000	-0.235	0.257	-9.169
1388618_at	0.767	1.017	-0.104	0.254	-8.797
1388817_at	0.767	0.997	-0.122	0.255	-9.328
1392618_at	0.767	0.982	-0.126	0.256	-9.661
1393626_at	0.767	1.015	0.194	0.268	-6.891
1369754_a_at	0.766	0.969	-0.228	0.259	-5.615
1370843_at	0.766	1.061	-0.267	0.246	-8.399
1371614_at	0.766	1.004	0.091	0.260	-6.241
1375965_at	0.766	0.988	0.108	0.257	-7.776
1380810_at	0.766	1.003	0.131	0.261	-6.740
1367498_at	0.765	0.990	0.081	0.263	-8.272
1368428_at	0.765	1.006	-0.148	0.254	-15.276
1369092_at	0.765	1.005	-0.185	0.260	-9.159
1372309_at	0.765	1.000	0.102	0.262	-7.493
1373248_at	0.765	0.989	-0.161	0.259	-9.359
1375438_at	0.765	1.017	-0.123	0.252	-8.624
1378197_at	0.765	0.991	0.171	0.252	-11.328
1379382_at	0.765	0.996	0.085	0.258	-6.710
1380639_at	0.765	0.974	-0.134	0.261	-8.985

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1381165_at	0.765	0.970	-0.273	0.257	-5.108
1381316_at	0.765	1.015	-0.227	0.257	-9.262
1382632_at	0.765	0.990	-0.263	0.263	-5.382
1388512_at	0.765	1.022	0.165	0.250	-11.346
1391561_at	0.765	0.981	-0.234	0.256	-5.283
1398553_at	0.765	0.965	-0.265	0.255	-5.246
1370281_at	0.764	1.012	0.206	0.252	-11.349
1371362_at	0.764	0.993	0.077	0.257	-5.880
1375733_at	0.764	1.025	0.157	0.261	-11.123
1382647_at	0.764	1.015	0.210	0.268	-6.820
1382820_at	0.764	1.021	-0.198	0.261	-9.610
1388178_at	0.764	1.034	-0.201	0.255	-5.497
1388538_at	0.764	0.998	-0.047	0.255	-8.815
1397217_at	0.764	1.019	-0.104	0.252	-8.787
1397644_at	0.764	1.004	-0.203	0.274	-9.542
1368486_at	0.763	1.075	-0.434	0.249	-7.936
1369228_at	0.763	0.987	0.189	0.257	-8.220
1369641_at	0.763	0.994	0.116	0.253	-11.444
1371104_at	0.763	1.010	0.203	0.262	-10.820
1372270_at	0.763	1.023	-0.128	0.250	-8.777
1374045_at	0.763	0.995	-0.112	0.258	-9.186
1374176_at	0.763	0.998	0.118	0.254	-9.332
1375663_at	0.763	1.022	0.108	0.260	-10.832
1377761_at	0.763	0.992	-0.254	0.267	-6.543
1383058_at	0.763	1.040	-0.338	0.257	-8.979
1386945_a_at	0.763	1.037	-0.178	0.253	-8.900
1387064_at	0.763	1.020	-0.133	0.259	-8.985
1387214_at	0.763	1.079	-0.406	0.268	-6.558
1387703_a_at	0.763	1.148	-0.577	0.272	-6.013
1395525_at	0.763	1.058	-0.381	0.259	-4.961
1397713_at	0.763	0.984	-0.142	0.261	-9.398
1398126_at	0.763	0.960	-0.185	0.258	-5.153
1378998_at	0.762	1.041	0.167	0.260	-7.053
1379425_at	0.762	0.984	-0.184	0.261	-9.323
1383099_at	0.762	0.986	-0.424	0.250	-5.074
1384863_at	0.762	0.981	-0.240	0.269	-5.696
1389521_at	0.762	1.002	0.128	0.256	-8.143
1390445_at	0.762	1.014	-0.153	0.263	-9.412
1390931_at	0.762	1.005	0.108	0.265	-6.395
1393019_at	0.762	0.992	-0.105	0.257	-9.691

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1393227_at	0.762	0.993	-0.226	0.260	-9.372
1393469_at	0.762	1.023	0.283	0.272	-7.027
1368691_at	0.761	0.911	-0.260	0.253	-4.924
1373153_at	0.761	1.004	-0.165	0.261	-8.964
1374001_at	0.761	1.007	0.109	0.258	-6.129
1377632_at	0.761	0.979	-0.300	0.258	-6.089
1383422_at	0.761	1.047	0.268	0.260	-6.362
1388866_at	0.761	0.991	-0.191	0.261	-5.676
1389912_at	0.761	0.966	-0.209	0.254	-5.307
1397634_at	0.761	0.987	0.131	0.262	-7.680
1368673_at	0.76	1.020	-0.235	0.255	-5.332
1372152_at	0.76	0.993	0.097	0.255	-11.340
1373283_at	0.76	1.017	-0.145	0.260	-9.459
1373680_at	0.76	0.986	0.099	0.263	-8.155
1376146_at	0.76	1.021	-0.122	0.250	-8.518
1393505_x_at	0.76	0.977	-0.254	0.272	-5.970
1398727_at	0.76	0.968	-0.209	0.266	-9.763
1369917_at	0.759	1.004	-0.131	0.266	-9.743
1371924_at	0.759	1.007	-0.206	0.252	-9.202
1372459_at	0.759	1.008	-0.129	0.253	-8.617
1374416_at	0.759	1.018	-0.135	0.248	-8.454
1376594_at	0.759	0.964	-0.198	0.256	-5.208
1379495_at	0.759	1.011	0.232	0.263	-6.538
1380882_at	0.759	1.012	0.108	0.255	-7.954
1384486_at	0.759	1.018	0.251	0.264	-7.049
1386770_x_at	0.759	1.005	-0.253	0.262	-9.095
1391737_at	0.759	1.011	-0.280	0.251	-8.844
1368571_at	0.758	1.094	-0.375	0.249	-8.240
1372364_a_at	0.758	1.001	0.096	0.266	-10.990
1376861_at	0.758	1.022	-0.124	0.257	-9.007
1378001_at	0.758	0.984	-0.231	0.266	-7.949
1384481_at	0.758	0.976	-0.175	0.252	-9.178
1385108_at	0.758	0.969	-0.476	0.257	-5.272
1392648_at	0.758	1.015	-0.135	0.273	-6.398
1367760_at	0.757	0.990	0.074	0.256	-5.968
1368025_at	0.757	1.212	-0.466	0.274	-5.405
1371883_at	0.757	1.003	-0.237	0.263	-5.027
1372110_at	0.757	1.017	-0.180	0.252	-9.287
1373178_at	0.757	1.003	0.108	0.264	-8.107
1373303_at	0.757	0.983	-0.251	0.254	-4.985

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1373699_at	0.757	1.020	-0.112	0.265	-4.836
1376610_a_at	0.757	0.987	0.130	0.256	-6.623
1379755_at	0.757	0.990	0.116	0.258	-6.992
1380326_at	0.757	0.959	-0.142	0.262	-4.933
1383310_at	0.757	0.980	0.151	0.266	-6.824
1384183_at	0.757	1.033	-0.304	0.267	-5.342
1367950_at	0.756	1.006	-0.215	0.267	-9.554
1372454_at	0.756	1.011	0.140	0.248	-11.243
1375898_at	0.756	1.024	0.089	0.260	-7.591
1377238_at	0.756	0.982	0.157	0.256	-6.513
1378168_at	0.756	0.999	-0.274	0.260	-7.694
1378666_at	0.756	0.896	-0.493	0.257	-5.124
1388792_at	0.756	1.046	-0.226	0.255	-7.874
1389509_at	0.756	1.004	0.080	0.257	-11.876
1389553_at	0.756	0.975	-0.220	0.260	-9.262
1389805_at	0.756	1.016	-0.191	0.260	-9.299
1398387_at	0.756	1.000	0.198	0.263	-11.664
1398999_at	0.756	1.022	-0.140	0.251	-8.975
1371859_at	0.755	0.989	-0.127	0.257	-8.838
1373957_at	0.755	1.013	-0.202	0.261	-6.549
1374544_at	0.755	1.019	-0.232	0.254	-8.950
1378526_at	0.755	0.998	-0.137	0.262	-8.972
1379703_at	0.755	0.994	-0.141	0.247	-9.396
1380923_at	0.755	0.997	-0.347	0.261	-5.687
1389602_at	0.755	1.008	-0.070	0.256	-8.677
1389659_at	0.755	1.010	-0.181	0.261	-9.275
1395267_at	0.755	0.988	0.161	0.257	-10.921
1368533_at	0.754	0.994	0.092	0.258	-7.104
1371332_at	0.754	1.020	0.095	0.255	-11.256
1372103_at	0.754	1.015	-0.162	0.263	-7.059
1372777_at	0.754	1.035	-0.140	0.253	-8.676
1374032_at	0.754	0.989	-0.109	0.260	-9.039
1374948_at	0.754	0.991	-0.115	0.262	-9.509
1375088_at	0.754	1.022	-0.198	0.255	-7.435
1384216_at	0.754	1.067	0.304	0.267	-6.619
1388239_at	0.754	1.043	-0.645	0.266	-5.341
1389230_at	0.754	1.008	-0.126	0.265	-9.649
1389402_at	0.754	1.046	0.208	0.272	-8.671
1394109_at	0.754	1.089	-0.315	0.254	-7.545
1367624_at	0.753	0.994	0.089	0.263	-10.786



**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	R <sup>2</sup>	Mean	A	B	C
1377113_at	0.753	1.004	0.137	0.260	-6.569
1377790_at	0.753	1.021	-0.201	0.251	-8.999
1379366_a_at	0.753	1.006	0.163	0.252	-11.370
1387060_at	0.753	1.030	-0.149	0.262	-5.331
1387872_at	0.753	1.000	-0.112	0.257	-9.654
1392023_at	0.753	0.987	0.096	0.258	-6.130
1392739_a_at	0.753	1.006	0.198	0.251	-11.417
1394101_at	0.753	0.993	0.110	0.260	-10.801
1395058_at	0.753	0.935	-0.394	0.253	-5.362
1367890_at	0.752	0.990	-0.119	0.266	-9.648
1369236_at	0.752	1.001	-0.130	0.262	-5.747
1371186_at	0.752	1.017	-0.255	0.255	-5.356
1373243_at	0.752	1.002	-0.168	0.269	-6.967
1373287_at	0.752	1.016	0.137	0.252	-6.836
1373808_at	0.752	0.995	0.128	0.265	-6.286
1374400_at	0.752	1.017	-0.099	0.264	-9.167
1374513_at	0.752	1.011	0.061	0.261	-11.849
1376571_at	0.752	1.022	-0.152	0.249	-8.914
1382303_at	0.752	0.976	0.201	0.250	-6.550
1382305_at	0.752	1.013	-0.290	0.253	-8.175
1382480_at	0.752	0.990	0.106	0.262	-7.798
1382481_a_at	0.752	1.001	0.136	0.260	-7.144
1388838_at	0.752	1.013	-0.102	0.249	-8.902
1390907_at	0.752	1.023	-0.184	0.261	-9.390
1391998_at	0.752	1.017	-0.261	0.261	-5.720
1392422_at	0.752	0.997	0.097	0.253	-11.295
1398799_at	0.752	1.000	-0.070	0.258	-7.614
1367602_at	0.751	1.029	0.155	0.269	-7.273
1367978_at	0.751	1.000	-0.162	0.253	-8.920
1368300_at	0.751	1.016	-0.196	0.255	-8.957
1368596_at	0.751	0.970	-0.205	0.256	-5.655
1369625_at	0.751	1.035	0.155	0.250	-11.058
1373775_at	0.751	1.013	0.091	0.257	-6.783
1374189_at	0.751	1.006	-0.140	0.255	-15.289
1374490_at	0.751	1.001	0.142	0.273	-7.343
1376837_at	0.751	0.983	-0.176	0.258	-9.342
1377639_at	0.751	1.001	0.165	0.259	-11.474
1382436_at	0.751	1.003	-0.180	0.267	-9.503
1383642_at	0.751	0.987	-0.179	0.270	-7.644
1393640_at	0.751	1.011	0.133	0.273	-7.214

**Table S1.** Estimated parameters and regression coefficient values for the sinusoidal curve  $A\sin(Bt+C)+\text{mean}$  for individual probe sets mined for circadian oscillations in expression

Probe set ID	$R^2$	Mean	A	B	C
1398996_at	0.751	0.990	-0.145	0.252	-9.033
1372645_at	0.75	1.032	-0.124	0.257	-9.472
1376457_at	0.75	1.027	-0.170	0.267	-7.495
1376596_at	0.75	0.995	-0.108	0.257	-9.470
1379556_a_at	0.75	0.988	0.110	0.261	-11.683
1390234_at	0.75	1.002	0.070	0.267	-6.849