

## Appendix 1. BVR bands photometric data for four targets.

Table S1. BVR bands photometric data of V473 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457726.9495	0.122	0.992	2457726.9502	0.124	1.248	2457726.9529	0.131	1.386
2457726.9515	0.127	0.986	2457726.9523	0.129	1.242	2457726.9556	0.137	1.379
2457726.9541	0.134	0.972	2457726.9550	0.136	1.215	2457726.9580	0.143	1.369
2457726.9564	0.139	0.961	2457726.9573	0.142	1.206	2457726.9603	0.149	1.352
2457726.9588	0.145	0.939	2457726.9597	0.148	1.189	2457726.9635	0.157	1.345
2457726.9620	0.153	0.937	2457726.9629	0.156	1.183	2457726.9659	0.163	1.338
2457726.9644	0.159	0.922	2457726.9652	0.161	1.166	2457726.9682	0.169	1.329
2457726.9667	0.165	0.913	2457726.9676	0.167	1.160	2457726.9706	0.175	1.320
2457726.9691	0.171	0.896	2457726.9699	0.173	1.156	2457726.9769	0.191	1.305
2457726.9754	0.187	0.883	2457726.9763	0.189	1.141	2457726.9792	0.196	1.304
2457726.9777	0.193	0.878	2457726.9786	0.195	1.135	2457726.9819	0.203	1.288
2457726.9806	0.200	0.863	2457726.9814	0.202	1.129	2457726.9841	0.209	1.284
2457726.9827	0.205	0.862	2457726.9836	0.207	1.127	2457726.9862	0.214	1.294
2457726.9849	0.210	0.857	2457726.9857	0.212	1.113	2457726.9884	0.219	1.281
2457726.9870	0.216	0.859	2457726.9878	0.218	1.112	2457726.9905	0.224	1.275
2457726.9891	0.221	0.854	2457726.9900	0.223	1.116	2457726.9930	0.231	1.282
2457726.9916	0.227	0.842	2457726.9925	0.229	1.105	2457726.9951	0.236	1.275
2457726.9937	0.232	0.848	2457726.9946	0.235	1.117	2457726.9972	0.241	1.294
2457726.9959	0.238	0.849	2457726.9967	0.240	1.123	2457726.9993	0.246	1.274
2457726.9980	0.243	0.847	2457726.9988	0.245	1.104	2457727.0015	0.252	1.274
2457727.0001	0.248	0.850	2457727.0009	0.250	1.117	2457727.0036	0.257	1.279
2457727.0022	0.254	0.847	2457727.0031	0.256	1.124	2457727.0080	0.268	1.279
2457727.0066	0.265	0.854	2457727.0075	0.267	1.127	2457727.0101	0.273	1.280
2457727.0088	0.270	0.853	2457727.0096	0.272	1.133	2457727.0122	0.279	1.286
2457727.0109	0.275	0.860	2457727.0117	0.277	1.130	2457727.0143	0.284	1.308
2457727.0130	0.281	0.863	2457727.0138	0.283	1.130	2457727.0165	0.289	1.293
2457727.0151	0.286	0.858	2457727.0159	0.288	1.142	2457727.0186	0.294	1.308
2457727.0172	0.291	0.862	2457727.0181	0.293	1.140	2457727.0207	0.300	1.304
2457727.0194	0.296	0.876	2457727.0202	0.298	1.145	2457727.0228	0.305	1.319
2457727.0215	0.302	0.877	2457727.0223	0.304	1.151	2457727.0257	0.312	1.318
2457727.0243	0.309	0.877	2457727.0251	0.311	1.159	2457727.0282	0.318	1.328
2457727.0268	0.315	0.898	2457727.0276	0.317	1.166	2457727.0309	0.325	1.334
2457727.0294	0.321	0.895	2457727.0303	0.324	1.174	2457727.0336	0.332	1.340
2457727.0321	0.328	0.920	2457727.0329	0.330	1.183	2457727.0360	0.338	1.347
2457727.0345	0.334	0.928	2457727.0354	0.336	1.191	2457727.0385	0.344	1.349
2457727.0369	0.340	0.928	2457727.0378	0.342	1.203	2457727.0409	0.350	1.357
2457727.0393	0.346	0.935	2457727.0402	0.348	1.212	2457727.0433	0.356	1.367
2457727.0418	0.352	0.942	2457727.0427	0.355	1.220	2457727.0458	0.362	1.381
2457727.0442	0.358	0.957	2457727.0451	0.361	1.218	2457727.0482	0.368	1.387
2457727.0466	0.364	0.966	2457727.0475	0.366	1.235	2457727.0509	0.375	1.405
2457727.0493	0.371	0.975	2457727.0503	0.373	1.245	2457727.0538	0.382	1.420
2457727.0521	0.378	0.990	2457727.0531	0.380	1.261	2457727.0563	0.388	1.436
2457727.0546	0.384	1.000	2457727.0556	0.387	1.264	2457727.0588	0.395	1.446
2457727.0572	0.391	1.020	2457727.0581	0.393	1.290	2457727.0613	0.401	1.472
2457727.0597	0.397	1.031	2457727.0606	0.399	1.300	2457727.0638	0.407	1.496
2457727.0622	0.403	1.055	2457727.0631	0.405	1.322	2457727.0663	0.413	1.492
2457727.0647	0.409	1.064	2457727.0656	0.412	1.341	2457727.0688	0.420	1.508
2457727.0672	0.416	1.094	2457727.0682	0.418	1.356	2457727.0714	0.426	1.529
2457727.0697	0.422	1.101	2457727.0707	0.424	1.379	2457727.0739	0.432	1.553
2457727.0722	0.428	1.122	2457727.0732	0.431	1.402	2457727.0764	0.439	1.569
2457727.0748	0.435	1.141	2457727.0757	0.437	1.411	2457727.0789	0.445	1.589
2457727.0773	0.441	1.163	2457727.0782	0.443	1.430	2457727.0814	0.451	1.607
2457727.0798	0.447	1.178	2457727.0807	0.449	1.452	2457727.0839	0.457	1.623
2457727.0823	0.453	1.195	2457727.0832	0.455	1.467	2457727.0877	0.467	1.648
2457727.0848	0.459	1.221	2457727.0870	0.465	1.487	2457727.0902	0.473	1.688
2457727.0861	0.463	1.231	2457727.0895	0.471	1.510	2457727.0927	0.479	1.693
2457727.0886	0.469	1.244	2457727.0921	0.478	1.516	2457727.0959	0.487	1.698
2457727.0911	0.475	1.246	2457727.0951	0.485	1.513	2457727.0985	0.494	1.704
2457727.0941	0.483	1.257	2457727.0978	0.492	1.519	2457727.1038	0.507	1.706
2457727.0968	0.489	1.261	2457727.1032	0.505	1.516	2457727.1060	0.512	1.702
2457727.0994	0.496	1.265	2457727.1054	0.511	1.528	2457727.1426	0.603	1.479
2457727.1023	0.503	1.259	2457727.1076	0.516	1.518	2457727.1448	0.609	1.460
2457727.1045	0.509	1.265	2457727.1420	0.602	1.287	2457727.1470	0.614	1.439
2457727.1067	0.514	1.261	2457727.1442	0.607	1.281	2457727.1492	0.620	1.430
2457727.1412	0.600	1.039	2457727.1464	0.613	1.268	2457727.1514	0.625	1.406
2457727.1434	0.605	1.027	2457727.1486	0.618	1.270	2457727.1536	0.631	1.420
2457727.1456	0.611	1.016	2457727.1508	0.624	1.253	2457727.1558	0.636	1.416

Table S1. *BVR* bands photometric data of V473 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457727.1478	0.616	1.003	2457727.1530	0.629	1.247	2457727.1580	0.642	1.397
2457727.1500	0.622	0.988	2457727.1552	0.635	1.238	2457727.1602	0.647	1.389
2457727.1522	0.627	0.978	2457727.1574	0.640	1.219	2457727.1624	0.653	1.375
2457727.1544	0.633	0.967	2457727.1596	0.646	1.223	2457727.1646	0.658	1.372
2457727.1566	0.638	0.951	2457727.1618	0.651	1.198	2457727.1668	0.664	1.376
2457727.1588	0.644	0.941	2457727.1640	0.657	1.199	2457727.1690	0.669	1.361
2457727.1610	0.649	0.937	2457727.1662	0.662	1.188	2457727.1712	0.675	1.359
2457727.1631	0.655	0.930	2457727.1684	0.668	1.179	2457727.9311	0.568	1.573
2457727.1654	0.660	0.918	2457727.1706	0.673	1.181	2457727.9370	0.583	1.529
2457727.1676	0.666	0.911	2457727.9307	0.567	1.402	2457727.9393	0.589	1.509
2457727.1698	0.671	0.908	2457727.9363	0.581	1.353	2457727.9417	0.595	1.492
2457727.9299	0.565	1.131	2457727.9387	0.587	1.341	2457727.9441	0.601	1.478
2457727.9354	0.579	1.086	2457727.9411	0.593	1.317	2457727.9465	0.607	1.452
2457727.9378	0.585	1.063	2457727.9435	0.599	1.299	2457727.9500	0.615	1.437
2457727.9402	0.591	1.046	2457727.9458	0.605	1.292	2457727.9528	0.622	1.426
2457727.9426	0.597	1.032	2457727.9491	0.613	1.270	2457727.9556	0.629	1.417
2457727.9449	0.603	1.019	2457727.9520	0.620	1.255	2457727.9585	0.637	1.408
2457727.9481	0.611	0.997	2457727.9548	0.627	1.238	2457727.9613	0.644	1.386
2457727.9510	0.618	0.984	2457727.9576	0.634	1.223	2457727.9641	0.651	1.380
2457727.9538	0.625	0.963	2457727.9605	0.642	1.222	2457727.9670	0.658	1.368
2457727.9566	0.632	0.956	2457727.9633	0.649	1.206	2457727.9698	0.665	1.363
2457727.9595	0.639	0.943	2457727.9662	0.656	1.198	2457727.9727	0.672	1.358
2457727.9623	0.646	0.932	2457727.9690	0.663	1.184	2457727.9755	0.679	1.347
2457727.9652	0.653	0.918	2457727.9718	0.670	1.179	2457727.9783	0.686	1.336
2457727.9680	0.660	0.910	2457727.9747	0.677	1.173	2457727.9812	0.693	1.325
2457727.9708	0.667	0.907	2457727.9775	0.684	1.162	2457727.9840	0.700	1.324
2457727.9737	0.675	0.891	2457727.9803	0.691	1.157	2457727.9868	0.707	1.319
2457727.9765	0.681	0.892	2457727.9832	0.698	1.140	2457727.9897	0.714	1.306
2457727.9794	0.689	0.877	2457727.9860	0.705	1.132	2457727.9925	0.721	1.304
2457727.9822	0.696	0.868	2457727.9889	0.712	1.127	2457727.9954	0.729	1.307
2457727.9850	0.703	0.860	2457727.9917	0.719	1.126	2457727.9982	0.736	1.301
2457727.9879	0.710	0.855	2457727.9945	0.726	1.121	2457728.0011	0.743	1.294
2457727.9907	0.717	0.847	2457727.9974	0.734	1.123	2457728.0039	0.750	1.289
2457727.9935	0.724	0.842	2457728.0002	0.741	1.119	2457728.0067	0.757	1.297
2457727.9964	0.731	0.842	2457728.0030	0.748	1.112	2457728.0096	0.764	1.298
2457727.9992	0.738	0.839	2457728.0059	0.755	1.113	2457728.0124	0.771	1.301
2457728.0020	0.745	0.835	2457728.0087	0.762	1.118	2457728.0152	0.778	1.302
2457728.0049	0.752	0.834	2457728.0116	0.769	1.115	2457728.0181	0.785	1.303
2457728.0077	0.759	0.832	2457728.0144	0.776	1.120	2457728.0209	0.792	1.312
2457728.0106	0.766	0.835	2457728.0172	0.783	1.122	2457728.0238	0.799	1.315
2457728.0134	0.773	0.836	2457728.0201	0.790	1.124	2457728.0266	0.806	1.321
2457728.0162	0.780	0.850	2457728.0229	0.797	1.137	2457728.0294	0.813	1.330
2457728.0191	0.788	0.835	2457728.0258	0.804	1.146	2457728.0323	0.821	1.330
2457728.0219	0.795	0.853	2457728.0286	0.811	1.153	2457728.0351	0.828	1.341
2457728.0247	0.802	0.850	2457728.0314	0.818	1.152	2457728.0379	0.834	1.356
2457728.0276	0.809	0.862	2457728.0343	0.826	1.163	2457728.0408	0.842	1.367
2457728.0304	0.816	0.877	2457728.0371	0.832	1.170	2457728.0436	0.849	1.378
2457728.0333	0.823	0.882	2457728.0400	0.840	1.186	2457728.0464	0.856	1.385
2457728.0361	0.830	0.892	2457728.0428	0.847	1.193	2457728.0493	0.863	1.397
2457728.0389	0.837	0.904	2457728.0456	0.854	1.202	2457728.0521	0.870	1.414
2457728.0418	0.844	0.910	2457728.0485	0.861	1.223	2457728.0550	0.877	1.431
2457728.0446	0.851	0.923	2457728.0513	0.868	1.232	2457728.0578	0.884	1.448
2457728.0475	0.858	0.938	2457728.0541	0.875	1.247	2457728.0606	0.891	1.464
2457728.0503	0.865	0.951	2457728.0570	0.882	1.259	2457728.0635	0.898	1.477
2457728.0531	0.872	0.968	2457728.0598	0.889	1.284	2457728.0663	0.905	1.490
2457728.0560	0.880	0.986	2457728.0627	0.896	1.303	2457728.0692	0.912	1.523
2457728.0588	0.887	1.002	2457728.0655	0.903	1.322	2457728.0720	0.919	1.527
2457728.0617	0.894	1.018	2457728.0683	0.910	1.341	2457728.0748	0.926	1.562
2457728.0645	0.901	1.046	2457728.0712	0.917	1.366	2457728.0777	0.934	1.583
2457728.0673	0.908	1.062	2457728.0740	0.924	1.387	2457728.0805	0.941	1.618
2457728.0702	0.915	1.079	2457728.0768	0.931	1.414	2457728.0833	0.948	1.616
2457728.0730	0.922	1.108	2457728.0797	0.939	1.432	2457728.0862	0.955	1.642
2457728.0759	0.929	1.130	2457728.0825	0.946	1.465	2457728.0890	0.962	1.686
2457728.0787	0.936	1.160	2457728.0854	0.953	1.483	2457728.0919	0.969	1.683
2457728.0815	0.943	1.188	2457728.0882	0.960	1.511	2457728.0947	0.976	1.704
2457728.0844	0.950	1.210	2457728.0910	0.967	1.529	2457728.0976	0.983	1.716
2457728.0872	0.957	1.242	2457728.0939	0.974	1.549	2457728.1004	0.990	1.721
2457728.0900	0.964	1.258	2457728.0967	0.981	1.560	2457728.1032	0.997	1.718

Table S1. *BVR* bands photometric data of V473 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457728.0929	0.972	1.284	2457728.0995	0.988	1.564	2457728.1061	0.004	1.724
2457728.0957	0.979	1.290	2457728.1024	0.995	1.568	2457728.1089	0.011	1.728
2457728.0986	0.986	1.300	2457728.1052	0.002	1.568	2457728.1117	0.018	1.723
2457728.1014	0.993	1.305	2457728.1081	0.009	1.563	2457728.1146	0.026	1.713
2457728.1042	1.000	1.304	2457728.1109	0.016	1.561	2457728.1174	0.033	1.696
2457728.1071	0.007	1.307	2457728.1137	0.023	1.555	2457728.1203	0.040	1.672
2457728.1099	0.014	1.302	2457728.1166	0.031	1.541	2457728.1231	0.047	1.645
2457728.1127	0.021	1.296	2457728.1194	0.038	1.526	2457728.1259	0.054	1.609
2457728.1156	0.028	1.279	2457728.1223	0.045	1.501	2457728.1288	0.061	1.591
2457728.1184	0.035	1.266	2457728.1251	0.052	1.475	2457728.1316	0.068	1.582
2457728.1212	0.042	1.236	2457728.1279	0.059	1.445	2457728.1344	0.075	1.558
2457728.1241	0.049	1.222	2457728.1308	0.066	1.419	2457728.1373	0.082	1.518
2457728.1269	0.056	1.187	2457728.1336	0.073	1.398	2457728.1401	0.089	1.504
2457728.1298	0.063	1.161	2457728.1365	0.080	1.377	2457728.1430	0.096	1.488
2457728.1326	0.070	1.140	2457728.1393	0.087	1.353	2457728.1458	0.103	1.464
2457728.1354	0.077	1.114	2457728.1421	0.094	1.331	2457728.1486	0.110	1.441
2457728.1383	0.085	1.096	2457728.1450	0.101	1.310	2457728.1515	0.118	1.425
2457728.1411	0.092	1.068	2457728.1478	0.108	1.289	2457728.1543	0.125	1.415
2457728.1440	0.099	1.047	2457728.1507	0.116	1.271	2457728.1571	0.132	1.410
2457728.1468	0.106	1.026	2457728.1535	0.123	1.257	2457728.1600	0.139	1.397
2457728.1496	0.113	1.011	2457728.1563	0.130	1.247	2457728.1628	0.146	1.379
2457728.1525	0.120	0.996	2457728.1592	0.137	1.226	2457728.1657	0.153	1.362
2457728.1553	0.127	0.981	2457728.1620	0.144	1.209	2457728.1685	0.160	1.354
2457728.1582	0.134	0.958	2457728.1648	0.151	1.205	2457728.1713	0.167	1.335
2457728.1610	0.141	0.946	2457728.1677	0.158	1.191	2457728.1742	0.174	1.318
2457728.1638	0.148	0.932	2457728.1705	0.165	1.180	2457728.1770	0.181	1.327
2457728.1667	0.155	0.918	2457728.1734	0.172	1.170	2457728.1814	0.192	1.319
2457728.1695	0.162	0.918	2457728.1762	0.179	1.158	2458086.9256	0.154	1.366
2457728.1724	0.170	0.898	2457728.1806	0.190	1.146	2458086.9276	0.159	1.360
2457728.1752	0.177	0.889	2458086.9250	0.152	1.189	2458086.9300	0.165	1.347
2457728.1796	0.188	0.880	2458086.9270	0.157	1.176	2458086.9322	0.170	1.352
2457728.1824	0.195	0.867	2458086.9294	0.163	1.183	2458086.9395	0.188	1.320
2458086.9243	0.150	0.926	2458086.9316	0.169	1.174	2458086.9429	0.197	1.316
2458086.9263	0.155	0.916	2458086.9389	0.187	1.158	2458086.9452	0.203	1.312
2458086.9285	0.161	0.910	2458086.9423	0.195	1.137	2458086.9474	0.208	1.304
2458086.9308	0.167	0.900	2458086.9446	0.201	1.139	2458086.9514	0.218	1.292
2458086.9380	0.185	0.875	2458086.9468	0.207	1.133	2458086.9537	0.224	1.296
2458086.9415	0.193	0.860	2458086.9508	0.216	1.127	2458086.9561	0.230	1.279
2458086.9437	0.199	0.860	2458086.9531	0.222	1.117	2458086.9585	0.236	1.290
2458086.9460	0.205	0.855	2458086.9555	0.228	1.115	2458086.9609	0.242	1.284
2458086.9499	0.214	0.851	2458086.9579	0.234	1.119	2458086.9633	0.248	1.293
2458086.9523	0.220	0.842	2458086.9603	0.240	1.112	2458086.9657	0.254	1.282
2458086.9546	0.226	0.842	2458086.9627	0.246	1.116	2458086.9680	0.259	1.290
2458086.9570	0.232	0.838	2458086.9651	0.252	1.106	2458086.9704	0.265	1.288
2458086.9594	0.238	0.833	2458086.9674	0.258	1.109	2458086.9728	0.271	1.291
2458086.9618	0.244	0.834	2458086.9698	0.264	1.119	2458086.9752	0.277	1.293
2458086.9642	0.250	0.835	2458086.9722	0.270	1.117	2458086.9775	0.283	1.297
2458086.9665	0.256	0.840	2458086.9746	0.276	1.123	2458086.9799	0.289	1.305
2458086.9689	0.262	0.841	2458086.9769	0.282	1.124	2458086.9823	0.295	1.306
2458086.9713	0.268	0.845	2458086.9793	0.287	1.123	2458086.9847	0.301	1.307
2458086.9737	0.274	0.840	2458086.9817	0.293	1.129	2458086.9871	0.307	1.312
2458086.9761	0.280	0.848	2458086.9841	0.299	1.140	2458086.9894	0.313	1.326
2458086.9784	0.285	0.851	2458086.9865	0.305	1.140	2458086.9918	0.319	1.329
2458086.9808	0.291	0.854	2458086.9888	0.311	1.152	2458086.9942	0.325	1.337
2458086.9832	0.297	0.862	2458086.9912	0.317	1.152	2458086.9966	0.331	1.343
2458086.9856	0.303	0.870	2458086.9936	0.323	1.161	2458086.9990	0.337	1.354
2458086.9880	0.309	0.879	2458086.9960	0.329	1.175	2458087.0013	0.342	1.360
2458086.9903	0.315	0.885	2458086.9984	0.335	1.182	2458087.0037	0.348	1.363
2458086.9927	0.321	0.893	2458087.0007	0.341	1.191	2458087.0061	0.354	1.384
2458086.9951	0.327	0.903	2458087.0031	0.347	1.203	2458087.0085	0.360	1.382
2458086.9975	0.333	0.913	2458087.0055	0.353	1.203	2458087.0109	0.366	1.399
2458086.9998	0.339	0.917	2458087.0079	0.359	1.210	2458087.0132	0.372	1.405
2458087.0022	0.345	0.930	2458087.0102	0.364	1.222	2458087.0156	0.378	1.416
2458087.0046	0.351	0.934	2458087.0126	0.370	1.227	2458087.0180	0.384	1.426
2458087.0070	0.357	0.947	2458087.0150	0.376	1.244	2458087.0204	0.390	1.441
2458087.0094	0.363	0.959	2458087.0174	0.382	1.253	2458087.0228	0.396	1.452
2458087.0117	0.368	0.969	2458087.0198	0.388	1.263	2458087.0251	0.402	1.462
2458087.0141	0.374	0.985	2458087.0222	0.394	1.278	2458087.0275	0.408	1.483

Table S1. *BVR* bands photometric data of V473 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458087.0165	0.380	0.992	2458087.0245	0.400	1.302	2458087.0299	0.414	1.509
2458087.0189	0.386	1.002	2458087.0269	0.406	1.306	2458087.0323	0.420	1.527
2458087.0213	0.392	1.014	2458087.0293	0.412	1.333	2458087.0346	0.425	1.538
2458087.0236	0.398	1.027	2458087.0317	0.418	1.350	2458087.0417	0.443	1.586
2458087.0260	0.404	1.040	2458087.0340	0.424	1.368	2458087.0441	0.449	1.608
2458087.0284	0.410	1.058	2458087.0411	0.441	1.420	2458087.0465	0.455	1.624
2458087.0308	0.416	1.076	2458087.0435	0.447	1.444	2458087.0489	0.461	1.639
2458087.0331	0.422	1.088	2458087.0459	0.453	1.449	2458087.0513	0.467	1.655
2458087.0403	0.440	1.144	2458087.0483	0.459	1.471	2458087.0536	0.473	1.667
2458087.0426	0.445	1.164	2458087.0507	0.465	1.485	2458087.0560	0.479	1.676
2458087.0450	0.451	1.179	2458087.0530	0.471	1.495	2458087.0584	0.485	1.682
2458087.0474	0.457	1.203	2458087.0554	0.477	1.505	2458087.0608	0.491	1.693
2458087.0498	0.463	1.217	2458087.0578	0.483	1.521	2458087.0631	0.496	1.690
2458087.0521	0.469	1.232	2458087.0602	0.489	1.525	2458087.0655	0.502	1.689
2458087.0545	0.475	1.252	2458087.0625	0.495	1.530	2458087.0679	0.508	1.688
2458087.0569	0.481	1.261	2458087.0649	0.501	1.530	2458087.0703	0.514	1.690
2458087.0593	0.487	1.262	2458087.0673	0.507	1.522	2458087.0727	0.520	1.692
2458087.0617	0.493	1.267	2458087.0697	0.513	1.521	2458087.0750	0.526	1.689
2458087.0640	0.499	1.265	2458087.0721	0.519	1.520	2458087.0784	0.534	1.668
2458087.0664	0.505	1.267	2458087.0745	0.525	1.522	2458087.0815	0.542	1.644
2458087.0688	0.511	1.267	2458087.0775	0.532	1.506	2458087.0847	0.550	1.620
2458087.0712	0.517	1.256	2458087.0807	0.540	1.490	2458087.0879	0.558	1.604
2458087.0736	0.522	1.254	2458087.0839	0.548	1.477	2458087.0911	0.566	1.566
2458087.0763	0.529	1.242	2458087.0871	0.556	1.453	2458087.0943	0.574	1.538
2458087.0795	0.537	1.227	2458087.0903	0.564	1.426	2458087.0975	0.582	1.515
2458087.0827	0.545	1.205	2458087.0935	0.572	1.383	2458087.1007	0.590	1.500
2458087.0859	0.553	1.175	2458087.0967	0.580	1.365	2458087.1039	0.598	1.468
2458087.0891	0.561	1.147	2458087.0998	0.588	1.347	2458087.1071	0.606	1.445
2458087.0923	0.569	1.123	2458087.1030	0.596	1.312	2458087.1102	0.614	1.426
2458087.0955	0.577	1.098	2458087.1062	0.604	1.292	2458087.1134	0.622	1.415
2458087.0987	0.585	1.072	2458087.1094	0.612	1.291	2458087.1166	0.630	1.402
2458087.1019	0.593	1.052	2458087.1126	0.620	1.264	2458087.1198	0.638	1.385
2458087.1050	0.601	1.030	2458087.1158	0.628	1.246	2458087.1230	0.646	1.381
2458087.1082	0.609	1.010	2458087.1190	0.636	1.231	2458087.1262	0.654	1.363
2458087.1114	0.617	0.994	2458087.1222	0.644	1.208	2458087.1294	0.662	1.353
2458087.1146	0.625	0.977	2458087.1254	0.652	1.212	2458087.1326	0.670	1.341
2458087.1178	0.633	0.969	2458087.1286	0.660	1.208	2458087.1358	0.677	1.331
2458087.1210	0.641	0.952	2458087.1317	0.667	1.179	2458087.1390	0.685	1.327
2458087.1242	0.649	0.935	2458087.1349	0.675	1.172	2458087.1421	0.693	1.312
2458087.1274	0.657	0.924	2458087.1381	0.683	1.153	2458087.1453	0.701	1.307
2458087.1306	0.665	0.912	2458087.1413	0.691	1.148	2458087.1485	0.709	1.300
2458087.1338	0.673	0.898	2458087.1445	0.699	1.138	2458087.1517	0.717	1.292
2458087.1369	0.680	0.886	2458087.1477	0.707	1.137	2458087.1549	0.725	1.291
2458087.1401	0.688	0.876	2458087.1509	0.715	1.130	2458087.1581	0.733	1.292
2458087.1433	0.696	0.862	2458087.1541	0.723	1.125	2458087.1613	0.741	1.283
2458087.1465	0.704	0.855	2458087.1572	0.731	1.115	2458087.1645	0.749	1.291
2458087.1497	0.712	0.848	2458087.1604	0.739	1.111	2458087.1677	0.757	1.291
2458087.1529	0.720	0.843	2458087.1636	0.747	1.122	2458087.1708	0.765	1.290
2458087.1561	0.728	0.839	2458087.1668	0.755	1.107	2458087.1740	0.773	1.295
2458087.1593	0.736	0.834	2458087.1700	0.763	1.118	2458087.1772	0.781	1.295
2458087.1625	0.744	0.832	2458087.1732	0.771	1.123	2458087.1804	0.789	1.293
2458087.1656	0.752	0.831	2458087.1764	0.779	1.111	2458087.1836	0.797	1.297
2458087.1688	0.760	0.832	2458087.1796	0.787	1.118	2458087.1868	0.805	1.298
2458087.1720	0.768	0.833	2458087.1828	0.795	1.136	2458087.1900	0.813	1.310
2458087.1752	0.776	0.834	2458087.1859	0.802	1.130	2458087.1932	0.821	1.323
2458087.1784	0.784	0.838	2458087.1891	0.810	1.149	2458087.1963	0.828	1.336
2458087.1816	0.792	0.838	2458087.1923	0.818	1.157	2458087.1995	0.836	1.345
2458087.1848	0.800	0.846	2458087.1955	0.826	1.156	2458087.2027	0.844	1.357
2458087.1880	0.808	0.850	2458087.1987	0.834	1.167	2458087.2059	0.852	1.363
2458087.1911	0.815	0.861	2458087.2019	0.842	1.181	2458087.2091	0.860	1.396
2458087.1944	0.824	0.872	2458087.2051	0.850	1.203	2458087.2123	0.868	1.406
2458087.1975	0.831	0.884	2458087.2083	0.858	1.215	2458087.2155	0.876	1.410
2458087.2007	0.839	0.902	2458087.2115	0.866	1.234	2458087.2187	0.884	1.434
2458087.2039	0.847	0.910	2458087.2146	0.874	1.243	2458087.2219	0.892	1.454
2458087.2071	0.855	0.926	2458087.2178	0.882	1.248	2458087.2251	0.900	1.467
2458087.2103	0.863	0.937	2458087.2210	0.890	1.280	2458087.9547	0.718	1.311
2458087.2135	0.871	0.958	2458087.2242	0.898	1.296	2458087.9576	0.725	1.293
2458087.2167	0.879	0.970	2458087.9543	0.717	1.121	2458087.9613	0.735	1.287

Table S1. BVR bands photometric data of V473 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458087.2199	0.887	0.999	2458087.9570	0.724	1.122	2458087.9637	0.741	1.283
2458087.2230	0.895	1.013	2458087.9607	0.733	1.120	2458087.9660	0.746	1.296
2458087.9537	0.716	0.857	2458087.9631	0.739	1.123	2458087.9684	0.752	1.295
2458087.9561	0.722	0.849	2458087.9655	0.745	1.116	2458087.9708	0.758	1.297
2458087.9598	0.731	0.843	2458087.9678	0.751	1.115	2458087.9732	0.764	1.293
2458087.9622	0.737	0.847	2458087.9702	0.757	1.116	2458087.9756	0.770	1.296
2458087.9646	0.743	0.841	2458087.9726	0.763	1.117	2458087.9780	0.776	1.304
2458087.9669	0.749	0.841	2458087.9750	0.769	1.118	2458087.9803	0.782	1.302
2458087.9693	0.754	0.839	2458087.9773	0.774	1.121	2458087.9827	0.788	1.303
2458087.9717	0.760	0.835	2458087.9797	0.780	1.124	2458087.9851	0.794	1.316
2458087.9741	0.766	0.836	2458087.9821	0.786	1.121	2458087.9875	0.800	1.316
2458087.9764	0.772	0.846	2458087.9845	0.792	1.137	2458087.9899	0.806	1.317
2458087.9788	0.778	0.842	2458087.9869	0.798	1.139	2458087.9922	0.812	1.320
2458087.9812	0.784	0.843	2458087.9892	0.804	1.142	2458087.9946	0.818	1.327
2458087.9836	0.790	0.858	2458087.9916	0.810	1.146	2458087.9970	0.824	1.339
2458087.9860	0.796	0.860	2458087.9940	0.816	1.155	2458087.9994	0.830	1.353
2458087.9884	0.802	0.853	2458087.9964	0.822	1.159	2458088.0017	0.835	1.351
2458087.9907	0.808	0.853	2458087.9988	0.828	1.170	2458088.0041	0.841	1.364
2458087.9931	0.814	0.870	2458088.0011	0.834	1.170	2458088.0065	0.847	1.365
2458087.9955	0.820	0.870	2458088.0035	0.840	1.182	2458088.0089	0.853	1.381
2458087.9979	0.826	0.885	2458088.0059	0.846	1.192	2458088.0113	0.859	1.385
2458088.0003	0.832	0.894	2458088.0083	0.852	1.204	2458088.0136	0.865	1.394
2458088.0026	0.837	0.893	2458088.0107	0.858	1.204	2458088.0160	0.871	1.412
2458088.0050	0.843	0.906	2458088.0130	0.863	1.231	2458088.0184	0.877	1.418
2458088.0074	0.849	0.920	2458088.0154	0.869	1.227	2458088.0208	0.883	1.428
2458088.0098	0.855	0.930	2458088.0178	0.875	1.252	2458088.0231	0.889	1.450
2458088.0121	0.861	0.938	2458088.0202	0.881	1.259	2458088.0255	0.895	1.455
2458088.0145	0.867	0.954	2458088.0225	0.887	1.281	2458088.0279	0.901	1.479
2458088.0169	0.873	0.967	2458088.0249	0.893	1.285	2458088.0303	0.907	1.496
2458088.0193	0.879	0.979	2458088.0273	0.899	1.304	2458088.0327	0.912	1.512
2458088.0217	0.885	0.985	2458088.0297	0.905	1.319	2458088.0351	0.918	1.530
2458088.0240	0.891	1.005	2458088.0321	0.911	1.335	2458088.0374	0.924	1.550
2458088.0264	0.897	1.027	2458088.0345	0.917	1.346	2458088.0398	0.930	1.560
2458088.0288	0.903	1.039	2458088.0368	0.923	1.383	2458088.0422	0.936	1.588
2458088.0312	0.909	1.056	2458088.0392	0.929	1.399	2458088.0446	0.942	1.598
2458088.0336	0.915	1.076	2458088.0416	0.935	1.417	2458088.0469	0.948	1.624
2458088.0359	0.920	1.092	2458088.0440	0.941	1.441	2458088.0493	0.954	1.650
2458088.0383	0.926	1.106	2458088.0463	0.946	1.452	2458088.0517	0.960	1.665
2458088.0407	0.932	1.120	2458088.0487	0.952	1.473	2458088.0541	0.966	1.687
2458088.0431	0.938	1.158	2458088.0511	0.958	1.498	2458088.0565	0.972	1.706
2458088.0455	0.944	1.185	2458088.0535	0.964	1.507	2458088.0588	0.978	1.716
2458088.0478	0.950	1.198	2458088.0559	0.970	1.544	2458088.0612	0.984	1.720
2458088.0502	0.956	1.214	2458088.0582	0.976	1.549	2458088.0636	0.989	1.725
2458088.0526	0.962	1.231	2458088.0606	0.982	1.567	2458088.0660	0.995	1.726
2458088.0550	0.968	1.263	2458088.0630	0.988	1.557	2458088.0684	0.001	1.731
2458088.0573	0.974	1.277	2458088.0654	0.994	1.572	2458088.0708	0.010	1.727
2458088.0597	0.980	1.282	2458088.0678	1.000	1.570	2458088.0732	0.019	1.716
2458088.0621	0.986	1.298	2458088.0702	0.008	1.560	2458088.0756	0.027	1.706
2458088.0645	0.992	1.302	2458088.0726	0.017	1.557	2458088.0780	0.035	1.684
2458088.0669	0.998	1.304	2458088.0750	0.025	1.552	2458088.0804	0.044	1.659
2458088.0693	0.005	1.299	2458088.0774	0.033	1.540	2458088.0828	0.052	1.627
2458088.0717	0.013	1.300	2458088.0798	0.041	1.508	2458088.0852	0.060	1.603
2458088.0741	0.022	1.297	2458088.0822	0.050	1.501	2458088.0876	0.068	1.576
2458088.0765	0.030	1.277	2458088.0846	0.058	1.455	2458088.0900	0.076	1.545
2458088.0789	0.038	1.266	2458088.0870	0.066	1.432	2458088.0924	0.085	1.523
2458088.0813	0.046	1.228	2458088.0894	0.074	1.397	2458088.0948	0.093	1.499
2458088.0837	0.055	1.199	2458088.0918	0.082	1.382	2458088.0972	0.101	1.475
2458088.0861	0.063	1.166	2458088.0942	0.091	1.347	2458088.0996	0.109	1.446
2458088.0885	0.071	1.136	2458088.0966	0.099	1.331	2458088.1020	0.118	1.433
2458088.0909	0.079	1.103	2458088.0990	0.107	1.297	2458088.1044	0.128	1.403
2458088.0933	0.088	1.079	2458088.1014	0.115	1.269	2458088.1068	0.136	1.391
2458088.0957	0.096	1.059	2458088.1038	0.126	1.251	2458088.1092	0.143	1.375
2458088.0981	0.104	1.032	2458088.1062	0.134	1.239	2458088.1116	0.151	1.362
2458088.1005	0.112	1.017	2458088.1086	0.141	1.226	2458088.1140	0.159	1.345
2458088.1029	0.123	0.979	2458088.1110	0.149	1.211	2458088.1164	0.167	1.336
2458088.1053	0.131	0.972	2458088.1134	0.157	1.193	2458088.1188	0.175	1.328
2458088.1077	0.138	0.954	2458088.1158	0.165	1.179	2458088.1212	0.182	1.316
2458088.1101	0.146	0.932	2458088.1182	0.173	1.174	2458088.1236	0.190	1.309

Table S1. *BVR* bands photometric data of V473 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458088.1296	0.154	0.930	2458088.1402	0.180	1.167	2458088.1473	0.198	1.298
2458088.1327	0.162	0.914	2458088.1433	0.188	1.151	2458088.1504	0.206	1.294
2458088.1358	0.169	0.901	2458088.1465	0.196	1.148	2458088.1535	0.214	1.288
2458088.1390	0.177	0.894	2458088.1496	0.204	1.137	2458088.1567	0.221	1.296
2458088.1421	0.185	0.882	2458088.1527	0.212	1.130	2458088.1598	0.229	1.293
2458088.1452	0.193	0.864	2458088.1559	0.219	1.133	2458088.1629	0.237	1.286
2458088.1483	0.201	0.868	2458088.1590	0.227	1.128	2458088.1661	0.245	1.291
2458088.1515	0.209	0.859	2458088.1621	0.235	1.113	2458088.1692	0.253	1.289
2458088.1546	0.216	0.849	2458088.1653	0.243	1.118	2458088.1723	0.260	1.299
2458088.1577	0.224	0.845	2458088.1684	0.251	1.116	2458088.1754	0.268	1.297
2458088.1609	0.232	0.848	2458088.1715	0.258	1.119	2458088.1786	0.276	1.310
2458088.1640	0.240	0.839	2458088.1746	0.266	1.128	2458088.1817	0.284	1.307
2458088.1672	0.248	0.847	2458088.1778	0.274	1.121	2458088.1848	0.292	1.302
2458088.1703	0.255	0.845	2458088.1809	0.282	1.135	2458088.1880	0.299	1.312
2458088.1734	0.263	0.852	2458088.1840	0.290	1.135	2458088.1911	0.307	1.316
2458088.1765	0.271	0.845	2458088.1872	0.297	1.145	2458088.1942	0.315	1.322
2458088.1797	0.279	0.852	2458088.1903	0.305	1.145	2458088.1975	0.323	1.345
2458088.1828	0.287	0.864	2458088.1934	0.313	1.157	2458088.2006	0.331	1.342
2458088.1859	0.294	0.870	2458088.1967	0.321	1.162	2458088.2037	0.339	1.365
2458088.1891	0.302	0.878	2458088.1998	0.329	1.179	2458088.2067	0.346	1.378
2458088.1922	0.310	0.885	2458088.2029	0.337	1.188	2458088.2098	0.354	1.385
2458088.1955	0.318	0.905	2458088.2060	0.344	1.207	2458088.2129	0.362	1.386
2458088.1986	0.326	0.914	2458088.2090	0.352	1.198	2458088.2160	0.369	1.412
2458088.2017	0.334	0.928	2458088.2121	0.360	1.219	2458088.2190	0.377	1.416
2458088.2047	0.341	0.929	2458088.2152	0.367	1.219	2458088.2221	0.384	1.428
2458088.2078	0.349	0.947	2458088.2183	0.375	1.247	2458088.2250	0.392	1.455
2458088.2109	0.357	0.951	2458088.2213	0.382	1.270			
2458088.2139	0.364	0.959	2458088.2242	0.390	1.269			
2458088.2170	0.372	0.983						
2458088.2201	0.379	1.006						
2458088.2231	0.387	1.012						

Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458446.9334	0.503	0.579	2458446.9339	0.505	0.368	2458446.9342	0.505	0.237
2458446.9353	0.508	0.573	2458446.9359	0.509	0.363	2458446.9362	0.510	0.262
2458446.9368	0.511	0.543	2458446.9373	0.512	0.382	2458446.9376	0.513	0.239
2458446.9382	0.514	0.554	2458446.9387	0.515	0.393	2458446.9391	0.516	0.256
2458446.9402	0.519	0.567	2458446.9408	0.520	0.370	2458446.9412	0.521	0.260
2458446.9418	0.522	0.583	2458446.9425	0.524	0.357	2458446.9428	0.525	0.199
2458446.9434	0.526	0.531	2458446.9441	0.527	0.351	2458446.9444	0.528	0.220
2458446.9451	0.530	0.521	2458446.9458	0.531	0.317	2458446.9462	0.532	0.186
2458446.9469	0.534	0.505	2458446.9475	0.535	0.317	2458446.9479	0.536	0.155
2458446.9486	0.538	0.495	2458446.9493	0.539	0.277	2458446.9496	0.540	0.140
2458446.9503	0.541	0.443	2458446.9510	0.543	0.248	2458446.9513	0.544	0.132
2458446.9520	0.545	0.421	2458446.9527	0.547	0.218	2458446.9531	0.548	0.097
2458446.9537	0.549	0.399	2458446.9544	0.551	0.219	2458446.9548	0.552	0.092
2458446.9555	0.553	0.373	2458446.9561	0.555	0.201	2458446.9565	0.555	0.058
2458446.9572	0.557	0.352	2458446.9579	0.559	0.195	2458446.9582	0.559	0.022
2458446.9589	0.561	0.298	2458446.9596	0.562	0.152	2458446.9600	0.563	0.030
2458446.9606	0.565	0.307	2458446.9613	0.566	0.124	2458446.9617	0.567	0.023
2458446.9624	0.569	0.295	2458446.9630	0.570	0.116	2458446.9634	0.571	-0.008
2458446.9641	0.573	0.264	2458446.9648	0.574	0.082	2458446.9651	0.575	-0.047
2458446.9658	0.576	0.246	2458446.9665	0.578	0.072	2458446.9668	0.579	-0.069
2458446.9675	0.580	0.222	2458446.9682	0.582	0.060	2458446.9686	0.583	-0.073
2458446.9692	0.584	0.231	2458446.9699	0.586	0.016	2458446.9703	0.587	-0.101
2458446.9710	0.588	0.211	2458446.9717	0.590	0.025	2458446.9720	0.590	-0.092
2458446.9727	0.592	0.186	2458446.9734	0.593	0.038	2458446.9737	0.594	-0.121
2458446.9744	0.596	0.166	2458446.9751	0.597	-0.018	2458446.9755	0.598	-0.150
2458446.9761	0.600	0.151	2458446.9768	0.601	-0.006	2458446.9772	0.602	-0.140
2458446.9778	0.604	0.151	2458446.9785	0.605	-0.028	2458446.9789	0.606	-0.165
2458446.9796	0.607	0.153	2458446.9803	0.609	-0.057	2458446.9806	0.610	-0.188
2458446.9813	0.611	0.105	2458446.9820	0.613	-0.039	2458446.9824	0.614	-0.207
2458446.9830	0.615	0.117	2458446.9837	0.617	-0.053	2458446.9841	0.618	-0.196
2458446.9847	0.619	0.070	2458446.9854	0.621	-0.058	2458446.9858	0.621	-0.240
2458446.9865	0.623	0.096	2458446.9871	0.624	-0.069	2458446.9875	0.625	-0.220
2458446.9882	0.627	0.075	2458446.9889	0.628	-0.098	2458446.9892	0.629	-0.221
2458446.9899	0.631	0.058	2458446.9906	0.632	-0.116	2458446.9910	0.633	-0.234
2458446.9916	0.635	0.044	2458446.9923	0.636	-0.114	2458446.9927	0.637	-0.240
2458446.9934	0.638	0.035	2458446.9940	0.640	-0.146	2458446.9944	0.641	-0.231
2458446.9951	0.642	0.035	2458446.9958	0.644	-0.141	2458446.9961	0.645	-0.249
2458446.9968	0.646	0.025	2458446.9975	0.648	-0.152	2458446.9978	0.649	-0.253
2458446.9985	0.650	0.031	2458446.9992	0.652	-0.147	2458446.9996	0.652	-0.252
2458447.0003	0.654	0.016	2458447.0009	0.656	-0.152	2458447.0013	0.656	-0.263
2458447.0020	0.658	0.026	2458447.0027	0.659	-0.149	2458447.0030	0.660	-0.266
2458447.0037	0.662	0.018	2458447.0044	0.663	-0.165	2458447.0047	0.664	-0.299
2458447.0054	0.666	0.005	2458447.0061	0.667	-0.188	2458447.0065	0.668	-0.289
2458447.0071	0.669	0.016	2458447.0078	0.671	-0.174	2458447.0082	0.672	-0.290
2458447.0089	0.673	-0.020	2458447.0095	0.675	-0.179	2458447.0099	0.676	-0.274
2458447.0106	0.677	-0.018	2458447.0113	0.679	-0.208	2458447.0116	0.680	-0.278
2458447.0123	0.681	-0.012	2458447.0130	0.683	-0.189	2458447.0133	0.683	-0.322
2458447.0140	0.685	-0.037	2458447.0147	0.687	-0.191	2458447.0151	0.687	-0.300
2458447.0157	0.689	-0.057	2458447.0164	0.690	-0.194	2458447.0168	0.691	-0.319
2458447.0175	0.693	-0.039	2458447.0181	0.694	-0.216	2458447.0185	0.695	-0.320
2458447.0192	0.697	-0.041	2458447.0216	0.702	-0.217	2458447.0202	0.699	-0.344
2458447.0226	0.704	-0.061	2458447.0233	0.706	-0.232	2458447.0237	0.707	-0.314
2458447.0244	0.708	-0.063	2458447.0250	0.710	-0.226	2458447.0254	0.711	-0.324
2458447.0261	0.712	-0.042	2458447.0268	0.714	-0.226	2458447.0271	0.715	-0.305
2458447.0278	0.716	-0.072	2458447.0285	0.718	-0.238	2458447.0288	0.718	-0.344
2458447.0303	0.722	-0.045	2458447.0311	0.723	-0.226	2458447.0315	0.724	-0.347
2458447.0323	0.726	-0.063	2458447.0331	0.728	-0.227	2458447.0336	0.729	-0.344
2458447.0351	0.733	-0.048	2458447.0362	0.735	-0.227	2458447.0368	0.736	-0.337
2458447.0378	0.738	-0.038	2458447.0388	0.741	-0.223	2458447.0395	0.742	-0.327
2458447.0404	0.744	-0.051	2458447.0414	0.747	-0.223	2458447.0421	0.748	-0.341
2458447.0430	0.750	-0.054	2458447.0440	0.753	-0.231	2458447.0447	0.754	-0.350
2458447.0456	0.756	-0.061	2458447.0466	0.758	-0.228	2458447.0473	0.760	-0.341
2458447.0482	0.762	-0.063	2458447.0493	0.764	-0.221	2458447.0499	0.766	-0.337
2458447.0508	0.768	-0.063	2458447.0545	0.776	-0.207	2458447.0525	0.772	-0.357
2458447.0535	0.774	-0.056	2458447.0571	0.782	-0.206	2458447.0551	0.778	-0.343
2458447.0561	0.780	-0.045	2458447.0597	0.788	-0.213	2458447.0578	0.784	-0.346
2458447.0587	0.786	-0.024	2458447.0623	0.794	-0.212	2458447.0604	0.789	-0.342

Table S2. *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458447.0613	0.792	-0.066	2458447.0650	0.800	-0.206	2458447.0630	0.795	-0.321
2458447.0639	0.797	-0.010	2458447.0676	0.806	-0.198	2458447.0656	0.801	-0.329
2458447.0665	0.803	-0.024	2458447.0702	0.812	-0.179	2458447.0682	0.807	-0.311
2458447.0691	0.809	-0.003	2458447.0728	0.817	-0.183	2458447.0708	0.813	-0.288
2458447.0718	0.815	-0.028	2458447.0754	0.823	-0.155	2458447.0735	0.819	-0.302
2458447.0744	0.821	-0.006	2458447.0780	0.829	-0.154	2458447.0761	0.825	-0.283
2458447.0770	0.827	0.012	2458447.0806	0.835	-0.169	2458447.0787	0.831	-0.259
2458447.0796	0.833	0.021	2458447.0835	0.841	-0.149	2458447.0813	0.837	-0.276
2458447.0825	0.839	0.012	2458447.0860	0.847	-0.141	2458447.0841	0.843	-0.286
2458447.0850	0.845	0.042	2458447.0885	0.853	-0.105	2458447.0866	0.848	-0.239
2458447.0874	0.850	0.068	2458447.0910	0.858	-0.116	2458447.0891	0.854	-0.238
2458447.0899	0.856	0.073	2458447.0935	0.864	-0.089	2458447.0916	0.860	-0.229
2458447.0924	0.862	0.096	2458447.0959	0.870	-0.087	2458447.0941	0.865	-0.233
2458447.0949	0.867	0.088	2458447.0984	0.875	-0.067	2458447.0966	0.871	-0.214
2458447.0974	0.873	0.079	2458447.1019	0.883	-0.057	2458447.0991	0.877	-0.206
2458447.1010	0.881	0.096	2458447.1042	0.888	-0.039	2458447.1024	0.884	-0.160
2458447.1033	0.886	0.130	2458447.1066	0.894	-0.032	2458447.1048	0.889	-0.164
2458447.1056	0.891	0.135	2458447.1089	0.899	-0.005	2458447.1071	0.895	-0.167
2458447.1080	0.897	0.146	2458447.1112	0.904	0.012	2458447.1094	0.900	-0.125
2458447.1103	0.902	0.185	2458447.1136	0.909	0.032	2458447.1118	0.905	-0.105
2458447.1126	0.907	0.182	2458447.1159	0.914	0.052	2458447.1141	0.910	-0.081
2458447.1149	0.912	0.215	2458447.1185	0.920	0.080	2458447.1164	0.916	-0.064
2458447.1176	0.918	0.237	2458447.1207	0.925	0.089	2458447.1189	0.921	-0.048
2458447.1198	0.923	0.261	2458447.1229	0.930	0.127	2458447.1211	0.926	-0.014
2458447.1220	0.928	0.313	2458447.1251	0.935	0.166	2458447.1233	0.931	0.000
2458447.1242	0.933	0.321	2458447.1273	0.940	0.184	2458447.1255	0.936	0.054
2458447.1264	0.938	0.356	2458447.1295	0.945	0.216	2458447.1278	0.941	0.046
2458447.1286	0.943	0.374	2458447.1317	0.950	0.239	2458447.1300	0.946	0.098
2458447.1308	0.948	0.433	2458447.1339	0.955	0.268	2458447.1322	0.951	0.116
2458447.1330	0.953	0.448	2458447.1361	0.960	0.312	2458447.1344	0.956	0.138
2458447.1352	0.958	0.454	2458447.1384	0.965	0.340	2458447.1366	0.961	0.174
2458447.1374	0.963	0.533	2458447.1406	0.970	0.349	2458447.1388	0.966	0.223
2458447.1396	0.968	0.546	2458447.1428	0.975	0.372	2458447.1410	0.971	0.227
2458447.1419	0.973	0.550	2458447.1450	0.980	0.400	2458447.1432	0.976	0.290
2458447.1441	0.978	0.587	2458447.1472	0.985	0.386	2458447.1454	0.981	0.248
2458447.1463	0.983	0.580	2458447.1495	0.990	0.405	2458447.1477	0.986	0.258
2458447.1486	0.988	0.620	2458447.1517	0.995	0.385	2458447.1499	0.991	0.270
2458447.1508	0.993	0.574	2458447.1538	1.000	0.388	2458447.1521	0.996	0.288
2458447.1529	0.998	0.618	2458447.1560	0.005	0.374	2458447.1542	0.001	0.287
2458447.1551	0.003	0.616	2458447.1581	0.010	0.387	2458447.1564	0.006	0.245
2458447.1572	0.008	0.583	2458447.1603	0.014	0.371	2458447.1585	0.011	0.256
2458447.1594	0.012	0.582	2458447.1624	0.019	0.403	2458447.1607	0.015	0.275
2458447.1615	0.017	0.566	2458447.1646	0.024	0.398	2458447.1628	0.020	0.250
2458447.1637	0.022	0.591	2458447.1667	0.029	0.374	2458447.1650	0.025	0.227
2458447.1658	0.027	0.589	2458447.1689	0.034	0.338	2458447.1672	0.030	0.228
2458447.1680	0.032	0.534	2458447.1710	0.039	0.305	2458447.1693	0.035	0.214
2458447.1701	0.037	0.531	2458447.1732	0.044	0.298	2458447.1714	0.040	0.179
2458447.1723	0.042	0.507	2458447.1753	0.048	0.276	2458447.1736	0.044	0.145
2458447.1744	0.046	0.474	2458447.1775	0.053	0.222	2458447.1758	0.049	0.107
2458447.1766	0.051	0.420	2458447.1796	0.058	0.209	2458447.1779	0.054	0.080
2458447.1787	0.056	0.401	2458447.1818	0.063	0.187	2458447.1801	0.059	0.052
2458447.1809	0.061	0.370	2458447.1839	0.068	0.142	2458447.1822	0.064	0.035
2458447.1830	0.066	0.343	2458447.1861	0.073	0.137	2458447.1844	0.069	-0.003
2458447.1852	0.071	0.301	2458447.1882	0.077	0.090	2458447.1865	0.074	-0.031
2458447.1873	0.075	0.281	2458447.1904	0.082	0.078	2458447.1887	0.078	-0.054
2458447.1895	0.080	0.231	2458447.1925	0.087	0.079	2458447.1908	0.083	-0.062
2458447.1916	0.085	0.201	2458447.1947	0.092	0.042	2458447.1930	0.088	-0.102
2458447.1938	0.090	0.191	2458447.1968	0.097	0.005	2458447.1951	0.093	-0.099
2458447.1959	0.095	0.194	2458447.1990	0.102	-0.012	2458447.1973	0.098	-0.126
2458447.1981	0.100	0.164	2458447.2011	0.107	-0.014	2458447.1994	0.103	-0.128
2458447.2003	0.105	0.119	2458447.2033	0.111	-0.051	2458447.2016	0.107	-0.159
2458447.2024	0.109	0.148	2458447.2054	0.116	-0.069	2458447.2037	0.112	-0.185
2458447.2045	0.114	0.112	2458447.2082	0.122	-0.065	2458447.2059	0.117	-0.206
2458447.2073	0.120	0.093	2458447.2104	0.127	-0.084	2458447.2087	0.123	-0.201
2458447.2095	0.125	0.099	2458447.2126	0.132	-0.094	2458447.2109	0.128	-0.210
2458447.2117	0.130	0.066	2458447.2148	0.137	-0.097	2458447.2131	0.133	-0.215
2458447.2139	0.135	0.077	2458447.2171	0.142	-0.119	2458447.2153	0.138	-0.244
2458447.2162	0.140	0.067	2458447.2193	0.147	-0.157	2458447.2175	0.143	-0.244



Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458447.2184	0.145	0.032	2458447.2215	0.152	-0.151	2458447.2197	0.148	-0.240
2458447.2206	0.150	0.025	2458447.2237	0.157	-0.153	2458447.2219	0.153	-0.251
2458447.2228	0.155	0.011	2458447.2259	0.162	-0.147	2458447.2241	0.158	-0.276
2458447.2250	0.160	0.004	2458447.2281	0.167	-0.154	2458447.2263	0.163	-0.259
2458447.2272	0.165	-0.007	2458447.2303	0.172	-0.192	2458447.2286	0.168	-0.284
2458447.2294	0.170	-0.009	2458447.2325	0.177	-0.197	2458447.2308	0.173	-0.286
2458447.2316	0.175	-0.023	2458447.2347	0.182	-0.180	2458447.2330	0.178	-0.280
2458447.2338	0.180	-0.028	2458447.2369	0.187	-0.175	2458447.2352	0.183	-0.309
2458447.2360	0.185	-0.027	2458447.2391	0.192	-0.197	2458447.2374	0.188	-0.320
2458447.2382	0.190	-0.061	2458447.2414	0.197	-0.182	2458447.2396	0.193	-0.332
2458447.2405	0.195	-0.055	2458447.2436	0.202	-0.212	2458447.2418	0.198	-0.319
2458447.2427	0.200	-0.050	2458447.2458	0.207	-0.225	2458447.2440	0.203	-0.316
2458447.2449	0.205	-0.048	2458447.2480	0.212	-0.218	2458447.2462	0.208	-0.323
2458447.2471	0.210	-0.067	2458447.2502	0.217	-0.219	2458447.2484	0.213	-0.340
2458447.2493	0.215	-0.059	2458447.2524	0.222	-0.220	2458447.2507	0.218	-0.347
2458447.2515	0.220	-0.066	2458447.2546	0.227	-0.218	2458447.2529	0.223	-0.341
2458447.2537	0.225	-0.067	2458447.2568	0.232	-0.243	2458447.2551	0.228	-0.350
2458447.2559	0.230	-0.082	2458447.2590	0.237	-0.237	2458447.2573	0.233	-0.358
2458447.2582	0.235	-0.078	2458447.2612	0.242	-0.244	2458447.2595	0.238	-0.349
2458447.2604	0.240	-0.055	2458447.2635	0.247	-0.244	2458447.2617	0.243	-0.356
2458447.2626	0.245	-0.093	2458447.2657	0.252	-0.243	2458447.2639	0.248	-0.338
2458447.2648	0.250	-0.073	2458447.2680	0.257	-0.250	2458447.2661	0.253	-0.350
2458447.2671	0.255	-0.059	2458447.2702	0.262	-0.234	2458447.2684	0.258	-0.362
2458447.2693	0.260	-0.074	2458447.2723	0.267	-0.238	2458447.2706	0.263	-0.371
2458447.2714	0.265	-0.060	2458447.2744	0.272	-0.248	2458447.2727	0.268	-0.351
2458447.2736	0.270	-0.067	2458447.2766	0.276	-0.219	2458447.2749	0.273	-0.363
2458447.2757	0.275	-0.079	2458447.2788	0.281	-0.247	2458447.2770	0.277	-0.347
2458447.2779	0.279	-0.069	2458447.2808	0.286	-0.237	2458447.2792	0.282	-0.364
2458447.2801	0.284	-0.091	2458447.2827	0.290	-0.217	2458447.2812	0.287	-0.332
2458447.2820	0.289	-0.054	2458447.2856	0.297	-0.211	2458447.2831	0.291	-0.343
2458447.2848	0.295	-0.065	2458447.2874	0.301	-0.213	2458447.2860	0.298	-0.359
2458447.2867	0.299	-0.062	2458447.2893	0.305	-0.210	2458447.2878	0.302	-0.335
2458447.2885	0.303	-0.061	2458447.2911	0.309	-0.171	2458447.2897	0.306	-0.322
2458447.2904	0.308	-0.026	2458447.2930	0.313	-0.166	2458447.2916	0.310	-0.332
2458447.2923	0.312	-0.035	2458447.2949	0.318	-0.214	2458447.2934	0.314	-0.326
2458447.2941	0.316	-0.055	2458447.2967	0.322	-0.217	2458447.2953	0.319	-0.321
2458447.2960	0.320	-0.015	2458447.2986	0.326	-0.183	2458447.2971	0.323	-0.311
2458447.2979	0.324	-0.024	2458447.3005	0.330	-0.169	2458447.2990	0.327	-0.296
2458447.2997	0.329	-0.011	2458447.3023	0.334	-0.154	2458447.3009	0.331	-0.297
2458447.3016	0.333	-0.009	2458447.3042	0.339	-0.171	2458447.3027	0.335	-0.292
2458447.3035	0.337	-0.002	2458447.3061	0.343	-0.167	2458447.3046	0.340	-0.271
2458447.3053	0.341	-0.009	2458447.9310	0.751	-0.221	2458447.3065	0.344	-0.281
2458447.9302	0.749	-0.073	2458447.9331	0.755	-0.224	2458447.9315	0.752	-0.346
2458447.9323	0.753	-0.066	2458447.9351	0.760	-0.231	2458447.9336	0.756	-0.340
2458447.9344	0.758	-0.071	2458447.9372	0.765	-0.223	2458447.9357	0.761	-0.350
2458447.9364	0.763	-0.050	2458447.9393	0.769	-0.223	2458447.9378	0.766	-0.337
2458447.9385	0.768	-0.061	2458447.9414	0.774	-0.222	2458447.9399	0.771	-0.348
2458447.9406	0.772	-0.055	2458447.9435	0.779	-0.203	2458447.9419	0.775	-0.340
2458447.9427	0.777	-0.052	2458447.9456	0.783	-0.208	2458447.9440	0.780	-0.328
2458447.9448	0.782	-0.057	2458447.9477	0.788	-0.212	2458447.9461	0.785	-0.327
2458447.9469	0.786	-0.044	2458447.9498	0.793	-0.202	2458447.9482	0.789	-0.332
2458447.9490	0.791	-0.044	2458447.9519	0.798	-0.208	2458447.9503	0.794	-0.319
2458447.9511	0.796	-0.036	2458447.9540	0.802	-0.186	2458447.9524	0.799	-0.309
2458447.9532	0.801	-0.044	2458447.9561	0.807	-0.190	2458447.9545	0.803	-0.314
2458447.9553	0.805	-0.023	2458447.9581	0.812	-0.175	2458447.9566	0.808	-0.326
2458447.9573	0.810	-0.028	2458447.9603	0.816	-0.175	2458447.9587	0.813	-0.295
2458447.9594	0.815	-0.011	2458447.9624	0.821	-0.178	2458447.9608	0.818	-0.289
2458447.9616	0.819	0.000	2458447.9644	0.826	-0.162	2458447.9628	0.822	-0.285
2458447.9636	0.824	0.008	2458447.9664	0.830	-0.158	2458447.9649	0.827	-0.282
2458447.9657	0.829	0.013	2458447.9685	0.835	-0.151	2458447.9669	0.831	-0.278
2458447.9677	0.833	0.016	2458447.9708	0.840	-0.137	2458447.9690	0.836	-0.269
2458447.9700	0.839	0.020	2458447.9728	0.845	-0.138	2458447.9712	0.841	-0.260
2458447.9721	0.843	0.030	2458447.9746	0.849	-0.121	2458447.9732	0.846	-0.259
2458447.9739	0.847	0.038	2458447.9763	0.853	-0.112	2458447.9749	0.849	-0.233
2458447.9756	0.851	0.039	2458447.9780	0.856	-0.100	2458447.9766	0.853	-0.240
2458447.9773	0.855	0.049	2458447.9797	0.860	-0.107	2458447.9783	0.857	-0.217
2458447.9791	0.859	0.056	2458447.9814	0.864	-0.099	2458447.9801	0.861	-0.216
2458447.9808	0.863	0.065	2458447.9832	0.868	-0.094	2458447.9818	0.865	-0.205

Table S2. *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458447.9825	0.867	0.060	2458447.9849	0.872	-0.087	2458447.9835	0.869	-0.217
2458447.9842	0.870	0.068	2458447.9866	0.876	-0.075	2458447.9852	0.873	-0.215
2458447.9859	0.874	0.097	2458447.9884	0.880	-0.065	2458447.9869	0.877	-0.203
2458447.9877	0.878	0.101	2458447.9901	0.884	-0.062	2458447.9887	0.881	-0.183
2458447.9894	0.882	0.102	2458447.9918	0.888	-0.032	2458447.9904	0.884	-0.177
2458447.9911	0.886	0.125	2458447.9935	0.891	-0.036	2458447.9921	0.888	-0.170
2458447.9928	0.890	0.132	2458447.9953	0.895	0.008	2458447.9939	0.892	-0.177
2458447.9946	0.894	0.140	2458447.9970	0.899	-0.002	2458447.9956	0.896	-0.130
2458447.9963	0.898	0.157	2458447.9988	0.903	0.012	2458447.9973	0.900	-0.132
2458447.9981	0.902	0.158	2458448.0005	0.907	0.013	2458447.9991	0.904	-0.100
2458447.9998	0.906	0.182	2458448.0023	0.911	0.046	2458448.0009	0.908	-0.111
2458448.0016	0.910	0.205	2458448.0041	0.915	0.046	2458448.0027	0.912	-0.080
2458448.0034	0.914	0.212	2458448.0059	0.919	0.085	2458448.0045	0.916	-0.090
2458448.0052	0.918	0.233	2458448.0077	0.923	0.093	2458448.0063	0.920	-0.039
2458448.0069	0.922	0.284	2458448.0094	0.927	0.116	2458448.0080	0.924	-0.034
2458448.0087	0.926	0.282	2458448.0112	0.931	0.132	2458448.0098	0.928	-0.013
2458448.0105	0.930	0.309	2458448.0130	0.935	0.154	2458448.0116	0.932	-0.006
2458448.0123	0.934	0.331	2458448.0148	0.939	0.183	2458448.0134	0.936	0.030
2458448.0141	0.938	0.342	2458448.0166	0.943	0.203	2458448.0152	0.940	0.063
2458448.0159	0.942	0.376	2458448.0184	0.947	0.216	2458448.0169	0.944	0.068
2458448.0176	0.946	0.399	2458448.0202	0.951	0.265	2458448.0187	0.948	0.095
2458448.0194	0.950	0.442	2458448.0219	0.955	0.259	2458448.0205	0.952	0.136
2458448.0212	0.954	0.460	2458448.0237	0.959	0.305	2458448.0223	0.956	0.165
2458448.0230	0.958	0.480	2458448.0255	0.963	0.315	2458448.0241	0.960	0.154
2458448.0248	0.962	0.492	2458448.0273	0.967	0.336	2458448.0258	0.964	0.205
2458448.0266	0.966	0.515	2458448.0291	0.971	0.373	2458448.0276	0.968	0.230
2458448.0283	0.970	0.545	2458448.0308	0.975	0.387	2458448.0294	0.972	0.243
2458448.0301	0.974	0.555	2458448.0326	0.979	0.405	2458448.0312	0.976	0.265
2458448.0319	0.978	0.597	2458448.0344	0.983	0.393	2458448.0330	0.980	0.277
2458448.0337	0.982	0.609	2458448.0362	0.987	0.418	2458448.0348	0.984	0.264
2458448.0355	0.986	0.601	2458448.0380	0.992	0.421	2458448.0365	0.988	0.264
2458448.0372	0.990	0.606	2458448.0397	0.995	0.382	2458448.0383	0.992	0.261
2458448.0390	0.994	0.594	2458448.0415	1.000	0.377	2458448.0401	0.996	0.253
2458448.0408	0.998	0.571	2458448.0433	0.004	0.394	2458448.0436	0.004	0.248
2458448.0426	0.002	0.591	2458448.0454	0.008	0.410	2458448.0459	0.009	0.256
2458448.0446	0.007	0.598	2458448.0474	0.013	0.387	2458448.0479	0.014	0.263
2458448.0467	0.011	0.600	2458448.0495	0.017	0.399	2458448.0500	0.019	0.269
2458448.0487	0.016	0.602	2458448.0515	0.022	0.391	2458448.0520	0.023	0.251
2458448.0507	0.020	0.585	2458448.0539	0.027	0.402	2458448.0544	0.029	0.225
2458448.0530	0.025	0.594	2458448.0562	0.033	0.353	2458448.0567	0.034	0.231
2458448.0553	0.031	0.575	2458448.0585	0.038	0.316	2458448.0589	0.039	0.171
2458448.0576	0.036	0.541	2458448.0607	0.043	0.292	2458448.0612	0.044	0.146
2458448.0598	0.041	0.491	2458448.0630	0.048	0.275	2458448.0635	0.049	0.129
2458448.0621	0.046	0.464	2458448.0653	0.053	0.250	2458448.0658	0.054	0.087
2458448.0644	0.051	0.444	2458448.0675	0.058	0.206	2458448.0680	0.059	0.063
2458448.0666	0.056	0.410	2458448.0698	0.063	0.178	2458448.0703	0.064	0.022
2458448.0689	0.061	0.362	2458448.0721	0.068	0.151	2458448.0726	0.069	0.004
2458448.0712	0.066	0.343	2458448.0743	0.073	0.119	2458448.0748	0.075	-0.027
2458448.0734	0.071	0.291	2458448.0766	0.079	0.086	2458448.0771	0.080	-0.039
2458448.0757	0.077	0.279	2458448.0789	0.084	0.044	2458448.0794	0.085	-0.060
2458448.0780	0.082	0.251	2458448.0811	0.089	0.038	2458448.0816	0.090	-0.094
2458448.0803	0.087	0.221	2458448.0834	0.094	0.006	2458448.0839	0.095	-0.121
2458448.0825	0.092	0.212	2458448.0857	0.099	-0.015	2458448.0862	0.100	-0.139
2458448.0848	0.097	0.176	2458448.0880	0.104	-0.015	2458448.0884	0.105	-0.161
2458448.0871	0.102	0.142	2458448.0902	0.109	-0.048	2458448.0907	0.110	-0.161
2458448.0893	0.107	0.120	2458448.0925	0.114	-0.059	2458448.0930	0.115	-0.173
2458448.0916	0.112	0.121	2458448.0947	0.119	-0.066	2458448.0952	0.121	-0.204
2458448.0938	0.117	0.097	2458448.0970	0.125	-0.100	2458448.0975	0.126	-0.204
2458448.0961	0.123	0.085	2458448.0993	0.130	-0.083	2458448.0998	0.131	-0.204
2458448.0984	0.128	0.086	2458448.1015	0.135	-0.108	2458448.1020	0.136	-0.238
2458448.1006	0.133	0.052	2458448.1038	0.140	-0.117	2458448.1043	0.141	-0.228
2458448.1029	0.138	0.046	2458448.1061	0.145	-0.130	2458448.1066	0.146	-0.250
2458448.1052	0.143	0.034	2458448.1083	0.150	-0.126	2458448.1088	0.151	-0.252
2458448.1075	0.148	0.032	2458448.1106	0.155	-0.149	2458448.1111	0.156	-0.267
2458448.1097	0.153	0.024	2458448.1129	0.160	-0.152	2458448.1134	0.161	-0.268
2458448.1120	0.158	0.015	2458448.1152	0.165	-0.150	2458448.1156	0.166	-0.289
2458448.1143	0.163	0.015	2458448.1174	0.170	-0.173	2458448.1179	0.172	-0.280
2458448.1165	0.168	0.007	2458448.1197	0.176	-0.180	2458448.1202	0.177	-0.294

Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458448.1188	0.174	-0.013	2458448.1220	0.181	-0.200	2458448.1224	0.182	-0.300
2458448.1211	0.179	-0.023	2458448.1242	0.186	-0.192	2458448.1247	0.187	-0.293
2458448.1233	0.184	-0.033	2458448.1265	0.191	-0.209	2458448.1270	0.192	-0.322
2458448.1256	0.189	-0.031	2458448.1288	0.196	-0.206	2458448.1292	0.197	-0.309
2458448.1279	0.194	-0.027	2458448.1310	0.201	-0.214	2458448.1315	0.202	-0.340
2458448.1301	0.199	-0.066	2458448.1333	0.206	-0.217	2458448.1338	0.207	-0.337
2458448.1324	0.204	-0.064	2458448.1356	0.211	-0.228	2458448.1360	0.212	-0.346
2458448.1347	0.209	-0.056	2458448.1378	0.216	-0.217	2458448.1383	0.218	-0.341
2458448.1369	0.214	-0.068	2458448.1401	0.222	-0.223	2458448.1406	0.223	-0.353
2458448.1392	0.220	-0.049	2458448.1424	0.227	-0.246	2458448.1428	0.228	-0.350
2458448.1415	0.225	-0.063	2458448.1446	0.232	-0.222	2458448.1451	0.233	-0.337
2458448.1437	0.230	-0.067	2458448.1469	0.237	-0.237	2458448.1474	0.238	-0.354
2458448.1460	0.235	-0.074	2458448.1492	0.242	-0.236	2458448.1497	0.243	-0.363
2458448.1483	0.240	-0.063	2458448.1514	0.247	-0.229	2458448.1519	0.248	-0.343
2458448.1505	0.245	-0.087	2458448.1537	0.252	-0.239	2458448.1542	0.253	-0.360
2458448.1528	0.250	-0.084	2458448.1560	0.257	-0.237	2458448.1565	0.258	-0.351
2458448.1551	0.255	-0.077	2458448.1582	0.262	-0.233	2458448.1587	0.264	-0.352
2458448.1573	0.260	-0.077	2458448.1605	0.268	-0.257	2458448.1610	0.269	-0.358
2458448.1596	0.266	-0.084	2458448.1628	0.273	-0.255	2458448.1632	0.274	-0.355
2458448.1619	0.271	-0.078	2458448.1650	0.278	-0.228	2458448.1655	0.279	-0.358
2458448.1641	0.276	-0.068	2458448.1673	0.283	-0.245	2458448.1678	0.284	-0.342
2458448.1664	0.281	-0.074	2458448.1705	0.290	-0.235	2458448.1709	0.291	-0.332
2458448.1696	0.288	-0.081	2458448.1727	0.295	-0.220	2458448.1731	0.296	-0.325
2458448.1718	0.293	-0.066	2458448.1748	0.300	-0.196	2458448.1752	0.301	-0.349
2458448.1739	0.298	-0.050	2458448.1770	0.305	-0.218	2458448.1774	0.306	-0.335
2458448.1761	0.303	-0.054	2458448.1797	0.311	-0.189	2458448.1802	0.312	-0.311
2458448.1787	0.309	-0.045	2458448.1820	0.316	-0.189	2458448.1825	0.317	-0.332
2458448.1811	0.314	-0.061	2458448.1843	0.321	-0.193	2458448.1848	0.322	-0.307
2458448.1834	0.319	-0.035	2458448.1867	0.326	-0.192	2458448.1872	0.328	-0.294
2458448.1857	0.324	-0.031	2458448.1890	0.332	-0.174	2458448.1895	0.333	-0.289
2458448.1880	0.330	-0.018	2458448.1913	0.337	-0.172	2458448.1918	0.338	-0.290
2458448.1904	0.335	-0.010	2458448.1936	0.342	-0.132	2458448.1941	0.343	-0.263
2458448.1927	0.340	0.000	2458448.1960	0.347	-0.156	2458448.1965	0.349	-0.271
2458448.1950	0.345	0.010	2458448.1983	0.353	-0.139	2458448.1988	0.354	-0.267
2458448.1973	0.350	0.021	2458448.2006	0.358	-0.116	2458448.2011	0.359	-0.237
2458448.1997	0.356	0.035	2458448.2029	0.363	-0.113	2458448.2034	0.364	-0.248
2458448.2020	0.361	0.034	2458448.2053	0.368	-0.098	2458448.2058	0.370	-0.228
2458448.2043	0.366	0.080	2458448.2076	0.374	-0.093	2458448.2081	0.375	-0.218
2458448.2066	0.371	0.055	2458448.2099	0.379	-0.066	2458448.2104	0.380	-0.216
2458448.2090	0.377	0.086	2458448.2122	0.384	-0.075	2458448.2127	0.385	-0.195
2458448.2113	0.382	0.078	2458448.2146	0.389	-0.060	2458448.2151	0.390	-0.188
2458448.2136	0.387	0.085	2458448.2169	0.395	-0.042	2458448.2174	0.396	-0.177
2458448.2159	0.392	0.122	2458448.2192	0.400	-0.022	2458448.2197	0.401	-0.164
2458448.2183	0.398	0.131	2458448.2215	0.405	-0.022	2458448.2220	0.406	-0.119
2458448.2206	0.403	0.160	2458448.2239	0.410	-0.002	2458448.2244	0.411	-0.113
2458448.2229	0.408	0.172	2458448.2262	0.415	0.030	2458448.2267	0.417	-0.103
2458448.2252	0.413	0.166	2458448.2285	0.421	0.046	2458448.2290	0.422	-0.074
2458448.2276	0.419	0.241	2458448.2308	0.426	0.094	2458448.2314	0.427	-0.061
2458448.2299	0.424	0.233	2458448.2332	0.431	0.116	2458448.2337	0.432	-0.029
2458448.2322	0.429	0.268	2458448.2355	0.436	0.116	2458448.2360	0.438	0.012
2458448.2345	0.434	0.296	2458448.2378	0.442	0.142	2458448.2383	0.443	0.045
2458448.2369	0.440	0.324	2458448.2401	0.447	0.204	2458448.2407	0.448	0.080
2458448.2392	0.445	0.346	2458448.2425	0.452	0.208	2458448.2430	0.453	0.094
2458448.2415	0.450	0.395	2458448.2448	0.457	0.250	2458448.2453	0.459	0.136
2458448.2438	0.455	0.387	2458448.2471	0.463	0.280	2458448.2476	0.464	0.167
2458448.2462	0.460	0.438	2458448.2494	0.468	0.303	2458448.2500	0.469	0.192
2458448.2485	0.466	0.478	2458448.2518	0.473	0.333	2458448.2523	0.474	0.226
2458448.2508	0.471	0.516	2458448.2541	0.478	0.374	2458448.2546	0.480	0.214
2458448.2531	0.476	0.525	2458448.2564	0.484	0.349	2458448.2569	0.485	0.235
2458448.2555	0.481	0.574	2458448.2587	0.489	0.394	2458448.2616	0.495	0.233
2458448.2578	0.487	0.578	2458448.2611	0.494	0.381	2458448.2639	0.500	0.253
2458448.2601	0.492	0.594	2458448.2634	0.499	0.381	2458448.2680	0.510	0.247
2458448.2624	0.497	0.595	2458448.2702	0.515	0.372	2458448.2709	0.516	0.243
2458448.2662	0.506	0.569	2458448.2731	0.521	0.370	2458448.2737	0.523	0.244
2458448.2691	0.512	0.584	2458448.2759	0.527	0.333	2458448.2766	0.529	0.194
2458448.2719	0.519	0.542	2458448.2788	0.534	0.291	2458448.2794	0.535	0.180
2458448.2748	0.525	0.539	2458448.2816	0.540	0.281	2458448.2823	0.542	0.123
2458448.2776	0.531	0.514	2458448.2845	0.547	0.216	2458448.2851	0.548	0.093

Table S2. *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458448.2805	0.538	0.451	2458448.2873	0.553	0.190	2458448.2879	0.555	0.048
2458448.2833	0.544	0.412	2458448.2901	0.560	0.171	2458448.2908	0.561	0.022
2458448.2862	0.551	0.374	2458448.2930	0.566	0.150	2458448.2936	0.567	-0.034
2458448.2890	0.557	0.347	2458448.2958	0.572	0.099	2458448.2965	0.574	-0.046
2458448.2919	0.563	0.322	2458448.2987	0.579	0.067	2458448.2993	0.580	-0.076
2458448.2947	0.570	0.279	2458448.3015	0.585	0.035	2458448.3022	0.587	-0.089
2458448.2975	0.576	0.279	2458448.3043	0.592	0.022	2458448.3050	0.593	-0.124
2458448.3004	0.583	0.202	2458448.3072	0.598	-0.003	2458448.3079	0.599	-0.137
2458448.3032	0.589	0.198	2459163.9375	0.619	-0.066	2459163.9380	0.620	-0.197
2458448.3061	0.595	0.182	2459163.9400	0.625	-0.082	2459163.9403	0.625	-0.222
2459163.9368	0.618	0.089	2459163.9414	0.628	-0.103	2459163.9417	0.629	-0.214
2459163.9394	0.624	0.086	2459163.9428	0.631	-0.093	2459163.9431	0.632	-0.202
2459163.9408	0.627	0.065	2459163.9442	0.634	-0.091	2459163.9445	0.635	-0.219
2459163.9422	0.630	0.053	2459163.9456	0.637	-0.116	2459163.9459	0.638	-0.245
2459163.9436	0.633	0.063	2459163.9470	0.640	-0.132	2459163.9473	0.641	-0.243
2459163.9450	0.636	0.064	2459163.9484	0.644	-0.115	2459163.9487	0.644	-0.233
2459163.9464	0.639	0.049	2459163.9498	0.647	-0.127	2459163.9501	0.647	-0.264
2459163.9478	0.642	0.038	2459163.9512	0.650	-0.135	2459163.9515	0.651	-0.244
2459163.9492	0.646	0.028	2459163.9525	0.653	-0.151	2459163.9529	0.654	-0.260
2459163.9506	0.649	0.031	2459163.9539	0.656	-0.140	2459163.9543	0.657	-0.259
2459163.9520	0.652	0.026	2459163.9553	0.659	-0.155	2459163.9556	0.660	-0.255
2459163.9534	0.655	0.014	2459163.9567	0.662	-0.147	2459163.9570	0.663	-0.271
2459163.9548	0.658	-0.011	2459163.9581	0.666	-0.163	2459163.9584	0.666	-0.263
2459163.9562	0.661	-0.004	2459163.9606	0.671	-0.156	2459163.9609	0.672	-0.285
2459163.9576	0.664	-0.002	2459163.9621	0.675	-0.170	2459163.9624	0.675	-0.294
2459163.9600	0.670	-0.011	2459163.9636	0.678	-0.190	2459163.9639	0.679	-0.279
2459163.9615	0.673	-0.003	2459163.9651	0.681	-0.188	2459163.9655	0.682	-0.300
2459163.9630	0.677	-0.021	2459163.9666	0.685	-0.188	2459163.9670	0.686	-0.308
2459163.9645	0.680	-0.015	2459163.9681	0.688	-0.178	2459163.9685	0.689	-0.312
2459163.9660	0.683	-0.021	2459163.9696	0.692	-0.203	2459163.9700	0.692	-0.310
2459163.9676	0.687	-0.030	2459163.9712	0.695	-0.207	2459163.9715	0.696	-0.317
2459163.9691	0.690	-0.033	2459163.9727	0.698	-0.197	2459163.9730	0.699	-0.315
2459163.9706	0.694	-0.040	2459163.9742	0.702	-0.204	2459163.9745	0.703	-0.330
2459163.9721	0.697	-0.045	2459163.9757	0.705	-0.205	2459163.9760	0.706	-0.317
2459163.9736	0.700	-0.036	2459163.9772	0.709	-0.215	2459163.9775	0.709	-0.332
2459163.9751	0.704	-0.045	2459163.9787	0.712	-0.230	2459163.9791	0.713	-0.336
2459163.9766	0.707	-0.047	2459163.9802	0.715	-0.211	2459163.9806	0.716	-0.351
2459163.9781	0.711	-0.056	2459163.9817	0.719	-0.222	2459163.9821	0.720	-0.335
2459163.9796	0.714	-0.051	2459163.9833	0.722	-0.209	2459163.9836	0.723	-0.348
2459163.9811	0.718	-0.067	2459163.9847	0.726	-0.214	2459163.9851	0.726	-0.333
2459163.9827	0.721	-0.081	2459163.9863	0.729	-0.229	2459163.9885	0.734	-0.342
2459163.9842	0.724	-0.077	2459163.9880	0.733	-0.220	2459163.9904	0.738	-0.341
2459163.9857	0.728	-0.056	2459163.9899	0.737	-0.233	2459163.9922	0.742	-0.339
2459163.9873	0.731	-0.074	2459163.9918	0.741	-0.228	2459163.9941	0.747	-0.343
2459163.9892	0.736	-0.065	2459163.9937	0.746	-0.223	2459163.9960	0.751	-0.360
2459163.9911	0.740	-0.055	2459163.9955	0.750	-0.213	2459163.9978	0.755	-0.339
2459163.9929	0.744	-0.068	2459163.9974	0.754	-0.222	2459163.9997	0.759	-0.330
2459163.9948	0.748	-0.060	2459163.9993	0.758	-0.229	2459164.0037	0.768	-0.337
2459163.9967	0.753	-0.065	2459164.0031	0.767	-0.207	2459164.0086	0.779	-0.325
2459163.9986	0.757	-0.066	2459164.0055	0.772	-0.211	2459164.0109	0.784	-0.330
2459164.0004	0.761	-0.062	2459164.0081	0.778	-0.202	2459164.0131	0.789	-0.318
2459164.0022	0.765	-0.048	2459164.0104	0.783	-0.215	2459164.0153	0.794	-0.315
2459164.0046	0.770	-0.056	2459164.0126	0.788	-0.214	2459164.0176	0.800	-0.297
2459164.0073	0.776	-0.056	2459164.0148	0.793	-0.197	2459164.0198	0.805	-0.306
2459164.0095	0.781	-0.053	2459164.0170	0.798	-0.195	2459164.0220	0.810	-0.307
2459164.0118	0.786	-0.051	2459164.0193	0.803	-0.198	2459164.0243	0.815	-0.283
2459164.0140	0.791	-0.040	2459164.0215	0.808	-0.176	2459164.0265	0.820	-0.285
2459164.0162	0.796	-0.039	2459164.0237	0.813	-0.177	2459164.0287	0.825	-0.275
2459164.0184	0.802	-0.020	2459164.0260	0.818	-0.163	2459164.0309	0.830	-0.279
2459164.0207	0.807	-0.020	2459164.0282	0.823	-0.160	2459164.0332	0.835	-0.266
2459164.0229	0.812	-0.023	2459164.0304	0.829	-0.150	2459164.0356	0.840	-0.259
2459164.0251	0.817	-0.020	2459164.0326	0.834	-0.138	2459164.0377	0.845	-0.243
2459164.0274	0.822	-0.011	2459164.0351	0.839	-0.144	2459164.0398	0.850	-0.256
2459164.0296	0.827	0.005	2459164.0372	0.844	-0.138	2459164.0419	0.854	-0.238
2459164.0318	0.832	0.019	2459164.0393	0.849	-0.130	2459164.0439	0.859	-0.239
2459164.0343	0.837	0.030	2459164.0414	0.853	-0.118	2459164.0460	0.864	-0.219
2459164.0364	0.842	0.031	2459164.0435	0.858	-0.107	2459164.0481	0.868	-0.207
2459164.0385	0.847	0.048	2459164.0456	0.863	-0.108	2459164.0502	0.873	-0.200

Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459164.0406	0.851	0.050	2459164.0477	0.867	-0.099	2459164.0526	0.878	-0.185
2459164.0427	0.856	0.062	2459164.0498	0.872	-0.089	2459164.0546	0.883	-0.177
2459164.0447	0.861	0.063	2459164.0521	0.877	-0.068	2459164.0568	0.888	-0.177
2459164.0468	0.865	0.073	2459164.0541	0.882	-0.048	2459164.0585	0.892	-0.164
2459164.0489	0.870	0.096	2459164.0565	0.887	-0.034	2459164.0601	0.895	-0.138
2459164.0514	0.876	0.102	2459164.0582	0.891	-0.029	2459164.0618	0.899	-0.129
2459164.0534	0.880	0.114	2459164.0598	0.895	-0.013	2459164.0635	0.903	-0.116
2459164.0558	0.886	0.114	2459164.0615	0.898	-0.003	2459164.0651	0.907	-0.107
2459164.0575	0.889	0.116	2459164.0631	0.902	0.001	2459164.0668	0.910	-0.103
2459164.0592	0.893	0.146	2459164.0648	0.906	0.021	2459164.0685	0.914	-0.068
2459164.0608	0.897	0.155	2459164.0665	0.910	0.003	2459164.0704	0.918	-0.060
2459164.0625	0.901	0.161	2459164.0681	0.913	0.045	2459164.0722	0.923	-0.040
2459164.0641	0.904	0.191	2459164.0700	0.918	0.056	2459164.0738	0.926	-0.019
2459164.0658	0.908	0.195	2459164.0719	0.922	0.091	2459164.0756	0.930	0.003
2459164.0675	0.912	0.209	2459164.0734	0.925	0.103	2459164.0771	0.934	0.019
2459164.0694	0.916	0.247	2459164.0752	0.929	0.122	2459164.0787	0.937	0.015
2459164.0713	0.921	0.246	2459164.0768	0.933	0.142	2459164.0802	0.941	0.055
2459164.0729	0.924	0.278	2459164.0783	0.936	0.169	2459164.0818	0.944	0.080
2459164.0746	0.928	0.300	2459164.0799	0.940	0.178	2459164.0833	0.948	0.100
2459164.0762	0.932	0.312	2459164.0814	0.943	0.199	2459164.0850	0.952	0.107
2459164.0777	0.935	0.318	2459164.0830	0.947	0.220	2459164.0865	0.955	0.137
2459164.0793	0.939	0.348	2459164.0847	0.951	0.236	2459164.0880	0.958	0.150
2459164.0808	0.942	0.370	2459164.0862	0.954	0.268	2459164.0894	0.961	0.178
2459164.0824	0.946	0.395	2459164.0876	0.957	0.271	2459164.0909	0.965	0.176
2459164.0841	0.949	0.426	2459164.0891	0.961	0.288	2459164.0924	0.968	0.211
2459164.0856	0.953	0.427	2459164.0906	0.964	0.321	2459164.0938	0.971	0.237
2459164.0871	0.956	0.465	2459164.0921	0.967	0.314	2459164.0953	0.975	0.243
2459164.0885	0.959	0.471	2459164.0935	0.971	0.350	2459164.0968	0.978	0.258
2459164.0900	0.963	0.488	2459164.0950	0.974	0.385	2459164.0982	0.981	0.240
2459164.0915	0.966	0.532	2459164.0965	0.977	0.369	2459164.0997	0.985	0.250
2459164.0929	0.969	0.529	2459164.0979	0.981	0.397	2459164.1012	0.988	0.245
2459164.0944	0.973	0.557	2459164.0994	0.984	0.402	2459164.1026	0.991	0.243
2459164.0959	0.976	0.576	2459164.1009	0.987	0.384	2459164.1041	0.994	0.254
2459164.0973	0.979	0.587	2459164.1023	0.990	0.369	2459164.1056	0.998	0.239
2459164.0988	0.983	0.591	2459164.1038	0.994	0.381	2459164.1070	0.001	0.254
2459164.1003	0.986	0.562	2459164.1053	0.997	0.387	2459164.1085	0.004	0.244
2459164.1018	0.989	0.562	2459164.1067	0.000	0.382	2459164.1100	0.008	0.254
2459164.1032	0.992	0.570	2459164.1082	0.004	0.413	2459164.1114	0.011	0.241
2459164.1047	0.996	0.567	2459164.1097	0.007	0.388	2459164.1129	0.014	0.240
2459164.1062	0.999	0.583	2459164.1111	0.010	0.388	2459164.1144	0.018	0.235
2459164.1076	0.002	0.572	2459164.1126	0.014	0.379	2459164.1158	0.021	0.249
2459164.1091	0.006	0.577	2459164.1141	0.017	0.379	2459164.1173	0.024	0.236
2459164.1106	0.009	0.579	2459164.1155	0.020	0.388	2459164.1193	0.029	0.236
2459164.1120	0.012	0.589	2459164.1170	0.023	0.383	2459164.1209	0.032	0.215
2459164.1135	0.016	0.576	2459164.1190	0.028	0.361	2459164.1224	0.036	0.211
2459164.1150	0.019	0.561	2459164.1205	0.031	0.369	2459164.1240	0.039	0.172
2459164.1164	0.022	0.572	2459164.1221	0.035	0.361	2459164.1255	0.043	0.167
2459164.1184	0.027	0.547	2459164.1236	0.038	0.328	2459164.1271	0.046	0.139
2459164.1199	0.030	0.551	2459164.1252	0.042	0.297	2459164.1286	0.050	0.113
2459164.1215	0.034	0.521	2459164.1267	0.045	0.285	2459164.1302	0.053	0.096
2459164.1230	0.037	0.529	2459164.1283	0.049	0.257	2459164.1317	0.057	0.067
2459164.1246	0.041	0.493	2459164.1298	0.052	0.217	2459164.1333	0.060	0.056
2459164.1261	0.044	0.458	2459164.1314	0.056	0.191	2459164.1348	0.064	0.042
2459164.1277	0.048	0.442	2459164.1329	0.059	0.188	2459164.1364	0.067	0.031
2459164.1292	0.051	0.435	2459164.1345	0.063	0.169	2459164.1379	0.071	-0.006
2459164.1308	0.055	0.402	2459164.1360	0.066	0.149	2459164.1395	0.074	-0.018
2459164.1323	0.058	0.373	2459164.1376	0.070	0.138	2459164.1410	0.078	-0.022
2459164.1339	0.062	0.354	2459164.1391	0.073	0.116	2459164.1428	0.082	-0.054
2459164.1354	0.065	0.345	2459164.1406	0.077	0.088	2459164.1445	0.085	-0.065
2459164.1370	0.068	0.330	2459164.1425	0.081	0.070	2459164.1461	0.089	-0.085
2459164.1385	0.072	0.305	2459164.1441	0.085	0.050	2459164.1478	0.093	-0.110
2459164.1401	0.075	0.290	2459164.1458	0.088	0.042	2459164.1495	0.097	-0.125
2459164.1418	0.079	0.251	2459164.1474	0.092	0.022	2459164.1511	0.100	-0.119
2459164.1435	0.083	0.228	2459164.1491	0.096	0.000	2459164.1528	0.104	-0.144
2459164.1451	0.087	0.213	2459164.1507	0.099	0.000	2459164.1544	0.108	-0.161
2459164.1468	0.091	0.194	2459164.1524	0.103	-0.025	2459164.1564	0.112	-0.157
2459164.1484	0.094	0.189	2459164.1540	0.107	-0.047	2459164.1582	0.116	-0.178
2459164.1501	0.098	0.168	2459164.1560	0.111	-0.050	2459164.1604	0.121	-0.192

Table S2. *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459164.1517	0.102	0.147	2459164.1578	0.115	-0.068	2459164.1625	0.126	-0.211
2459164.1534	0.105	0.143	2459164.1599	0.120	-0.085	2459164.1649	0.132	-0.219
2459164.1553	0.110	0.121	2459164.1620	0.125	-0.090	2459164.1675	0.137	-0.243
2459164.1571	0.114	0.108	2459164.1644	0.130	-0.100	2459164.1824	0.171	-0.287
2459164.1591	0.118	0.101	2459164.1670	0.136	-0.106	2459164.1851	0.177	-0.300
2459164.1612	0.123	0.085	2459164.1819	0.170	-0.171	2459164.1874	0.182	-0.311
2459164.1636	0.128	0.078	2459164.1845	0.176	-0.173	2459164.1903	0.189	-0.318
2459164.1661	0.134	0.071	2459164.1869	0.181	-0.188	2459164.1928	0.194	-0.329
2459164.1810	0.168	0.011	2459164.1897	0.187	-0.197	2459164.1953	0.200	-0.335
2459164.1836	0.174	-0.012	2459164.1923	0.193	-0.210	2459164.1979	0.206	-0.330
2459164.1860	0.179	-0.016	2459164.1948	0.199	-0.212	2459164.2004	0.211	-0.328
2459164.1887	0.185	-0.034	2459164.1973	0.204	-0.219	2459164.2029	0.217	-0.347
2459164.1913	0.191	-0.039	2459164.1999	0.210	-0.216	2459164.2052	0.222	-0.342
2459164.1938	0.197	-0.026	2459164.2025	0.216	-0.234	2459164.2074	0.227	-0.341
2459164.1963	0.202	-0.053	2459164.2047	0.221	-0.227	2459164.2098	0.233	-0.348
2459164.1989	0.208	-0.053	2459164.2070	0.226	-0.231	2459164.2117	0.237	-0.360
2459164.2016	0.214	-0.065	2459164.2094	0.232	-0.235	2459164.2136	0.241	-0.347
2459164.2039	0.219	-0.065	2459164.2114	0.236	-0.239	2459164.2159	0.246	-0.354
2459164.2061	0.224	-0.069	2459164.2133	0.240	-0.238	2459164.2180	0.251	-0.343
2459164.2087	0.230	-0.075	2459164.2155	0.245	-0.237	2459164.2201	0.256	-0.357
2459164.2106	0.234	-0.073	2459164.2176	0.250	-0.250	2459164.2221	0.260	-0.356
2459164.2125	0.239	-0.077	2459164.2196	0.255	-0.246	2459164.2242	0.265	-0.347
2459164.2147	0.244	-0.072	2459164.2217	0.259	-0.244	2459164.2263	0.270	-0.338
2459164.2167	0.248	-0.075	2459164.2237	0.264	-0.247	2459164.2283	0.274	-0.341
2459164.2188	0.253	-0.088	2459164.2258	0.269	-0.231	2459164.2304	0.279	-0.340
2459164.2209	0.257	-0.083	2459164.2279	0.273	-0.235	2459164.2324	0.283	-0.348
2459164.2229	0.262	-0.073	2459164.2300	0.278	-0.227	2459164.2341	0.287	-0.350
2459164.2250	0.267	-0.084	2459164.2320	0.283	-0.226	2459164.2359	0.291	-0.356
2459164.2271	0.271	-0.086	2459164.2338	0.287	-0.234	2459164.2376	0.295	-0.366
2459164.2292	0.276	-0.074	2459164.2355	0.290	-0.234	2459164.2393	0.299	-0.352
2459164.2313	0.281	-0.081	2459164.2372	0.294	-0.241	2459164.2411	0.303	-0.327
2459164.2331	0.285	-0.086	2459164.2390	0.298	-0.220	2459164.2428	0.307	-0.347
2459164.2348	0.289	-0.076	2459164.2407	0.302	-0.221	2459164.2446	0.311	-0.317
2459164.2366	0.293	-0.078	2459164.2425	0.306	-0.206	2459164.2463	0.315	-0.316
2459164.2383	0.297	-0.064	2459164.2442	0.310	-0.207	2459164.2484	0.320	-0.319
2459164.2400	0.301	-0.067	2459164.2460	0.314	-0.199	2459164.2506	0.325	-0.306
2459164.2418	0.305	-0.054	2459164.2480	0.319	-0.190	2459164.2525	0.329	-0.308
2459164.2435	0.309	-0.052	2459164.2502	0.324	-0.199	2459164.2545	0.333	-0.309
2459164.2453	0.312	-0.046	2459164.2521	0.328	-0.192	2459164.2563	0.337	-0.288
2459164.2473	0.317	-0.033	2459164.2541	0.332	-0.177	2459164.2581	0.341	-0.297
2459164.2495	0.322	-0.032	2459164.2559	0.336	-0.189	2459164.2599	0.346	-0.254
2459164.2514	0.326	-0.032	2459164.2577	0.341	-0.170	2459164.2618	0.350	-0.278
2459164.2534	0.331	-0.010	2459164.2595	0.345	-0.169	2459164.2636	0.354	-0.258
2459164.2552	0.335	-0.011	2459164.2614	0.349	-0.147	2459164.2654	0.358	-0.258
2459164.2570	0.339	-0.007	2459164.2632	0.353	-0.151	2459164.2672	0.362	-0.244
2459164.2588	0.343	-0.002	2459164.2650	0.357	-0.134	2459164.2690	0.366	-0.234
2459164.2607	0.347	0.026	2459164.2668	0.361	-0.135	2459164.2708	0.370	-0.232
2459164.2625	0.351	0.034	2459164.2686	0.365	-0.125	2459164.2726	0.374	-0.225
2459164.2643	0.355	0.017	2459164.2704	0.369	-0.111	2459164.2745	0.378	-0.206
2459164.2661	0.359	0.039	2459164.2722	0.373	-0.093	2459164.2763	0.382	-0.231
2459164.2679	0.363	0.048	2459164.2741	0.377	-0.080	2459164.2781	0.386	-0.204
2459164.2697	0.368	0.033	2459164.2759	0.381	-0.082	2459164.2799	0.390	-0.167
2459164.2715	0.372	0.055	2459164.2777	0.385	-0.069	2459164.2817	0.395	-0.177
2459164.2733	0.376	0.066	2459164.2795	0.390	-0.054	2459164.2840	0.400	-0.147
2459164.2752	0.380	0.070	2459164.2813	0.394	-0.043	2459164.2861	0.404	-0.125
2459164.2770	0.384	0.097	2459164.2836	0.399	-0.059	2459164.2888	0.411	-0.110
2459164.2788	0.388	0.100	2459164.2856	0.403	-0.027	2459164.2912	0.416	-0.110
2459164.2806	0.392	0.107	2459164.2883	0.409	0.005	2459164.2937	0.421	-0.080
2459164.2828	0.397	0.144	2459164.2907	0.415	0.017	2459164.2961	0.427	-0.051
2459164.2848	0.402	0.137	2459164.2931	0.420	0.042	2459164.2985	0.432	-0.002
2459164.2873	0.407	0.179	2459164.2955	0.426	0.071	2459164.3009	0.438	0.009
2459164.2897	0.413	0.171	2459164.2979	0.431	0.075	2459164.3033	0.443	0.028
2459164.2922	0.418	0.210	2459164.3003	0.436	0.123	2459164.3059	0.449	0.073
2459164.2946	0.424	0.218	2459164.3027	0.442	0.150	2459164.3084	0.455	0.118
2459164.2970	0.429	0.253	2459164.3054	0.448	0.189	2459164.3108	0.460	0.116
2459164.2994	0.434	0.288	2459164.3078	0.453	0.215	2459164.3132	0.465	0.162
2459164.3018	0.440	0.310	2459164.3102	0.459	0.264	2459164.3156	0.471	0.189
2459164.3044	0.446	0.329	2459164.3126	0.464	0.277	2459164.3180	0.476	0.210

Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459164.3068	0.451	0.381	2459164.3150	0.470	0.304	2459164.3204	0.482	0.251
2459164.3092	0.457	0.428	2459164.3174	0.475	0.336	2459164.3232	0.488	0.261
2459164.3117	0.462	0.451	2459164.3198	0.480	0.368	2459164.3258	0.494	0.243
2459164.3141	0.467	0.477	2459164.3226	0.487	0.390	2459164.3284	0.500	0.241
2459164.3165	0.473	0.525	2459164.3252	0.493	0.403	2459164.3310	0.506	0.254
2459164.3189	0.478	0.541	2459164.3278	0.498	0.378	2459164.3336	0.511	0.243
2459164.3216	0.484	0.578	2459164.3304	0.504	0.367	2459164.3362	0.517	0.216
2459164.3242	0.490	0.582	2459164.3330	0.510	0.374	2459165.9456	0.142	-0.235
2459164.3268	0.496	0.578	2459164.3356	0.516	0.366	2459165.9480	0.148	-0.246
2459164.3294	0.502	0.549	2459165.9450	0.141	-0.116	2459165.9501	0.153	-0.241
2459164.3320	0.508	0.553	2459165.9475	0.147	-0.124	2459165.9523	0.158	-0.255
2459164.3346	0.514	0.591	2459165.9496	0.152	-0.136	2459165.9544	0.162	-0.277
2459165.9441	0.139	0.051	2459165.9518	0.156	-0.148	2459165.9566	0.167	-0.272
2459165.9467	0.145	0.035	2459165.9539	0.161	-0.153	2459165.9587	0.172	-0.280
2459165.9488	0.150	0.029	2459165.9561	0.166	-0.165	2459165.9609	0.177	-0.274
2459165.9510	0.155	0.032	2459165.9582	0.171	-0.172	2459165.9631	0.182	-0.279
2459165.9531	0.159	0.014	2459165.9605	0.176	-0.187	2459165.9649	0.186	-0.316
2459165.9554	0.165	-0.009	2459165.9626	0.181	-0.196	2459165.9668	0.190	-0.317
2459165.9574	0.169	-0.015	2459165.9645	0.185	-0.189	2459165.9687	0.195	-0.309
2459165.9598	0.175	-0.018	2459165.9664	0.189	-0.214	2459165.9706	0.199	-0.317
2459165.9619	0.179	-0.026	2459165.9682	0.194	-0.207	2459165.9725	0.203	-0.317
2459165.9638	0.184	-0.025	2459165.9701	0.198	-0.203	2459165.9744	0.207	-0.330
2459165.9657	0.188	-0.031	2459165.9720	0.202	-0.215	2459165.9763	0.212	-0.339
2459165.9676	0.192	-0.037	2459165.9739	0.206	-0.207	2459165.9783	0.216	-0.332
2459165.9694	0.196	-0.045	2459165.9758	0.211	-0.233	2459165.9801	0.220	-0.328
2459165.9713	0.200	-0.042	2459165.9778	0.215	-0.241	2459165.9819	0.224	-0.343
2459165.9732	0.205	-0.056	2459165.9796	0.219	-0.220	2459165.9837	0.228	-0.339
2459165.9751	0.209	-0.044	2459165.9814	0.223	-0.239	2459165.9855	0.233	-0.347
2459165.9771	0.214	-0.055	2459165.9833	0.227	-0.238	2459165.9874	0.237	-0.338
2459165.9789	0.218	-0.060	2459165.9851	0.231	-0.247	2459165.9892	0.241	-0.343
2459165.9808	0.222	-0.066	2459165.9869	0.236	-0.241	2459165.9910	0.245	-0.345
2459165.9826	0.226	-0.081	2459165.9887	0.240	-0.241	2459165.9929	0.249	-0.354
2459165.9844	0.230	-0.075	2459165.9906	0.244	-0.244	2459165.9947	0.253	-0.348
2459165.9862	0.234	-0.070	2459165.9924	0.248	-0.240	2459165.9965	0.257	-0.349
2459165.9881	0.238	-0.068	2459165.9942	0.252	-0.243	2459165.9983	0.262	-0.346
2459165.9899	0.242	-0.085	2459165.9960	0.256	-0.237	2459166.0011	0.268	-0.345
2459165.9917	0.246	-0.086	2459165.9981	0.261	-0.244	2459166.0040	0.274	-0.345
2459165.9935	0.251	-0.089	2459166.0005	0.266	-0.249	2459166.0063	0.279	-0.339
2459165.9954	0.255	-0.078	2459166.0035	0.273	-0.236	2459166.0085	0.284	-0.328
2459165.9974	0.259	-0.083	2459166.0057	0.278	-0.244	2459166.0107	0.289	-0.341
2459165.9997	0.265	-0.074	2459166.0079	0.283	-0.244	2459166.0130	0.294	-0.334
2459166.0026	0.271	-0.080	2459166.0101	0.288	-0.227	2459166.0152	0.299	-0.333
2459166.0049	0.276	-0.080	2459166.0124	0.293	-0.229	2459166.0174	0.304	-0.318
2459166.0071	0.281	-0.082	2459166.0146	0.298	-0.231	2459166.0197	0.309	-0.323
2459166.0093	0.286	-0.078	2459166.0168	0.303	-0.216	2459166.0219	0.314	-0.315
2459166.0116	0.291	-0.062	2459166.0191	0.308	-0.212	2459166.0241	0.319	-0.324
2459166.0138	0.296	-0.064	2459166.0213	0.313	-0.214	2459166.0263	0.324	-0.310
2459166.0160	0.301	-0.064	2459166.0235	0.318	-0.203	2459166.0290	0.330	-0.297
2459166.0183	0.306	-0.060	2459166.0258	0.323	-0.187	2459166.0315	0.336	-0.281
2459166.0205	0.311	-0.041	2459166.0284	0.329	-0.169	2459166.0339	0.341	-0.269
2459166.0227	0.316	-0.045	2459166.0308	0.335	-0.175	2459166.0370	0.349	-0.276
2459166.0249	0.321	-0.032	2459166.0333	0.340	-0.154	2459166.0405	0.356	-0.262
2459166.0275	0.327	-0.030	2459166.0363	0.347	-0.149	2459166.0436	0.363	-0.240
2459166.0299	0.333	0.001	2459166.0398	0.355	-0.133	2459166.0466	0.370	-0.217
2459166.0324	0.338	0.005	2459166.0428	0.362	-0.122	2459166.0496	0.377	-0.201
2459166.0352	0.344	0.003	2459166.0458	0.368	-0.108	2459166.0526	0.384	-0.205
2459166.0386	0.352	0.025	2459166.0488	0.375	-0.087	2459166.0556	0.390	-0.163
2459166.0416	0.359	0.036	2459166.0519	0.382	-0.070	2459166.0587	0.397	-0.158
2459166.0447	0.366	0.045	2459166.0549	0.389	-0.057	2459166.0617	0.404	-0.132
2459166.0477	0.372	0.070	2459166.0579	0.396	-0.023	2459166.0647	0.411	-0.105
2459166.0507	0.379	0.084	2459166.0609	0.402	-0.016	2459166.0677	0.418	-0.096
2459166.0537	0.386	0.110	2459166.0639	0.409	0.011	2459166.0703	0.424	-0.058
2459166.0567	0.393	0.132	2459166.0670	0.416	0.042	2459166.0726	0.429	-0.034
2459166.0597	0.400	0.151	2459166.0697	0.422	0.068	2459166.0745	0.433	-0.014
2459166.0628	0.406	0.178	2459166.0721	0.427	0.083	2459166.0764	0.437	0.009
2459166.0658	0.413	0.202	2459166.0740	0.432	0.115	2459166.0783	0.441	0.019
2459166.0689	0.420	0.232	2459166.0759	0.436	0.120	2459166.0802	0.446	0.059
2459166.0713	0.426	0.256	2459166.0778	0.440	0.162	2459166.0822	0.450	0.083

Table S2. *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459166.0733	0.430	0.285	2459166.0797	0.445	0.177	2459166.0841	0.454	0.096
2459166.0752	0.434	0.292	2459166.0817	0.449	0.195	2459166.0860	0.459	0.136
2459166.0771	0.439	0.328	2459166.0836	0.453	0.227	2459166.0879	0.463	0.151
2459166.0790	0.443	0.348	2459166.0855	0.458	0.249	2459166.0898	0.467	0.178
2459166.0809	0.447	0.385	2459166.0874	0.462	0.289	2459166.0917	0.472	0.215
2459166.0829	0.452	0.398	2459166.0893	0.466	0.310	2459166.0937	0.476	0.220
2459166.0848	0.456	0.423	2459166.0912	0.471	0.331	2459166.0956	0.480	0.246
2459166.0867	0.460	0.462	2459166.0932	0.475	0.352	2459166.0975	0.485	0.248
2459166.0886	0.465	0.486	2459166.0951	0.479	0.377	2459166.0995	0.489	0.250
2459166.0905	0.469	0.532	2459166.0971	0.484	0.370	2459166.1013	0.493	0.247
2459166.0924	0.473	0.535	2459166.0990	0.488	0.379	2459166.1032	0.498	0.257
2459166.0944	0.478	0.572	2459166.1009	0.492	0.378	2459166.1050	0.502	0.252
2459166.0964	0.482	0.567	2459166.1027	0.496	0.387	2459166.1072	0.507	0.241
2459166.0983	0.487	0.567	2459166.1046	0.501	0.381	2459166.1090	0.511	0.250
2459166.1002	0.491	0.579	2459166.1068	0.506	0.398	2459166.1107	0.514	0.255
2459166.1020	0.495	0.579	2459166.1085	0.510	0.391	2459166.1126	0.519	0.248
2459166.1039	0.499	0.583	2459166.1102	0.513	0.403	2459166.1143	0.522	0.229
2459166.1062	0.504	0.575	2459166.1122	0.518	0.373	2459166.1160	0.526	0.216
2459166.1079	0.508	0.573	2459166.1138	0.522	0.382	2459166.1176	0.530	0.191
2459166.1096	0.512	0.576	2459166.1156	0.525	0.350	2459166.1192	0.534	0.185
2459166.1116	0.516	0.590	2459166.1172	0.529	0.331	2459166.1208	0.537	0.164
2459166.1132	0.520	0.567	2459166.1188	0.533	0.319	2459166.1224	0.541	0.142
2459166.1150	0.524	0.551	2459166.1204	0.536	0.293	2459166.1240	0.544	0.135
2459166.1166	0.528	0.512	2459166.1220	0.540	0.273	2459166.1258	0.548	0.096
2459166.1182	0.531	0.510	2459166.1236	0.544	0.246	2459166.1274	0.552	0.075
2459166.1198	0.535	0.497	2459166.1254	0.547	0.230	2459166.1290	0.556	0.053
2459166.1214	0.539	0.472	2459166.1270	0.551	0.201	2459166.1307	0.559	0.041
2459166.1230	0.542	0.455	2459166.1286	0.555	0.176	2459166.1323	0.563	0.020
2459166.1248	0.546	0.423	2459166.1303	0.559	0.165	2459166.1339	0.567	-0.004
2459166.1264	0.550	0.390	2459166.1319	0.562	0.140	2459166.1355	0.570	-0.016
2459166.1280	0.553	0.357	2459166.1335	0.566	0.116	2459166.1372	0.574	-0.031
2459166.1297	0.557	0.342	2459166.1351	0.570	0.105	2459166.1388	0.578	-0.055
2459166.1313	0.561	0.324	2459166.1368	0.573	0.069	2459166.1406	0.582	-0.068
2459166.1329	0.564	0.304	2459166.1384	0.577	0.072	2459166.1423	0.586	-0.088
2459166.1345	0.568	0.295	2459166.1402	0.581	0.056	2459166.1440	0.590	-0.090
2459166.1362	0.572	0.282	2459166.1419	0.585	0.026	2459166.1457	0.593	-0.119
2459166.1378	0.576	0.240	2459166.1436	0.589	0.024	2459166.1473	0.597	-0.124
2459166.1396	0.580	0.240	2459166.1453	0.592	0.014	2459166.1489	0.601	-0.139
2459166.1412	0.583	0.221	2459166.1469	0.596	-0.010	2459166.1505	0.604	-0.148
2459166.1431	0.587	0.209	2459166.1485	0.600	0.005	2459166.1522	0.608	-0.143
2459166.1447	0.591	0.190	2459166.1502	0.603	-0.027	2459166.1538	0.612	-0.160
2459166.1463	0.595	0.181	2459166.1518	0.607	-0.035	2459166.1554	0.615	-0.186
2459166.1479	0.598	0.167	2459166.1534	0.611	-0.054	2459166.1571	0.619	-0.187
2459166.1496	0.602	0.154	2459166.1550	0.614	-0.066	2459166.1587	0.623	-0.207
2459166.1512	0.606	0.148	2459166.1567	0.618	-0.060	2459166.1603	0.626	-0.213
2459166.1528	0.609	0.140	2459166.1583	0.622	-0.070	2459166.1620	0.630	-0.212
2459166.1544	0.613	0.105	2459166.1599	0.625	-0.086	2459166.1636	0.634	-0.219
2459166.1561	0.617	0.123	2459166.1616	0.629	-0.084	2459166.1652	0.637	-0.234
2459166.1577	0.620	0.108	2459166.1632	0.633	-0.105	2459166.1668	0.641	-0.224
2459166.1593	0.624	0.088	2459166.1648	0.636	-0.112	2459166.1685	0.645	-0.249
2459166.1609	0.628	0.085	2459166.1664	0.640	-0.119	2459166.1701	0.648	-0.244
2459166.1626	0.631	0.050	2459166.1681	0.644	-0.128	2459166.1717	0.652	-0.267
2459166.1642	0.635	0.065	2459166.1697	0.647	-0.140	2459166.1736	0.656	-0.255
2459166.1658	0.639	0.051	2459166.1713	0.651	-0.141	2459166.1753	0.660	-0.269
2459166.1675	0.642	0.050	2459166.1731	0.655	-0.133	2459166.1770	0.664	-0.277
2459166.1691	0.646	0.034	2459166.1749	0.659	-0.148	2459166.1787	0.668	-0.295
2459166.1707	0.650	0.036	2459166.1766	0.663	-0.156	2459166.1805	0.672	-0.297
2459166.1725	0.654	0.028	2459166.1783	0.667	-0.155	2459166.1822	0.675	-0.304
2459166.1742	0.658	0.022	2459166.1800	0.671	-0.177	2459166.1839	0.679	-0.304
2459166.1759	0.661	0.013	2459166.1817	0.674	-0.177	2459166.1856	0.683	-0.301
2459166.1776	0.665	0.007	2459166.1835	0.678	-0.186	2459166.1873	0.687	-0.310
2459166.1794	0.669	0.008	2459166.1852	0.682	-0.184	2459166.1891	0.691	-0.316
2459166.1811	0.673	0.010	2459166.1869	0.686	-0.189	2459166.1908	0.695	-0.320
2459166.1828	0.677	-0.010	2459166.1886	0.690	-0.196	2459166.1929	0.700	-0.325
2459166.1845	0.681	-0.016	2459166.1903	0.694	-0.201	2459166.1950	0.704	-0.323
2459166.1863	0.685	-0.026	2459166.1924	0.698	-0.203	2459166.1973	0.710	-0.324
2459166.1880	0.689	-0.025	2459166.1944	0.703	-0.204	2459166.1995	0.714	-0.330
2459166.1897	0.692	-0.038	2459166.1968	0.708	-0.203	2459166.2022	0.721	-0.324



Table S2. *BVR* bands photometric data of V805 And.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459166.1916	0.697	-0.038	2459166.1989	0.713	-0.214	2459166.2048	0.726	-0.321
2459166.1937	0.701	-0.044	2459166.2015	0.719	-0.212	2459166.2074	0.732	-0.333
2459166.1960	0.707	-0.049	2459166.2041	0.725	-0.219	2459166.2100	0.738	-0.326
2459166.1981	0.711	-0.055	2459166.2068	0.731	-0.219	2459166.2132	0.745	-0.323
2459166.2006	0.717	-0.062	2459166.2094	0.737	-0.229	2459166.2160	0.752	-0.333
2459166.2032	0.723	-0.049	2459166.2124	0.744	-0.226	2459166.2188	0.758	-0.332
2459166.2058	0.729	-0.049	2459166.2153	0.750	-0.230	2459166.2220	0.765	-0.337
2459166.2084	0.735	-0.052	2459166.2181	0.756	-0.229	2459166.2249	0.772	-0.326
2459166.2113	0.741	-0.057	2459166.2214	0.764	-0.222	2459166.2279	0.778	-0.317
2459166.2142	0.748	-0.060	2459166.2242	0.770	-0.211	2459166.2308	0.785	-0.321
2459166.2170	0.754	-0.056	2459166.2272	0.777	-0.211	2459166.2336	0.791	-0.319
2459166.2202	0.761	-0.057	2459166.2301	0.783	-0.217	2459166.2365	0.798	-0.308
2459166.2231	0.768	-0.057	2459166.2329	0.790	-0.194	2459166.2395	0.804	-0.306
2459166.2262	0.775	-0.044	2459166.2358	0.796	-0.198	2459166.2418	0.810	-0.311
2459166.2290	0.781	-0.043	2459166.2389	0.803	-0.200	2459166.2442	0.815	-0.300
2459166.2318	0.787	-0.033	2459166.2413	0.809	-0.181	2459166.2466	0.821	-0.285
2459166.2347	0.794	-0.031	2459166.2437	0.814	-0.178	2459166.2492	0.827	-0.288
2459166.2380	0.801	-0.026	2459166.2461	0.819	-0.184	2459166.2513	0.831	-0.266
2459166.2404	0.807	-0.017	2459166.2488	0.825	-0.150	2459166.2533	0.836	-0.256
2459166.2428	0.812	-0.013	2459166.2508	0.830	-0.147	2459166.2553	0.840	-0.253
2459166.2451	0.817	-0.012	2459166.2528	0.835	-0.149	2459166.2570	0.844	-0.253
2459166.2480	0.824	0.006	2459166.2549	0.839	-0.144	2459166.2590	0.849	-0.246
2459166.2500	0.828	0.019	2459166.2567	0.843	-0.135	2459166.2609	0.853	-0.224
2459166.2520	0.833	0.023	2459166.2586	0.848	-0.122	2459166.2628	0.857	-0.240
2459166.2542	0.838	0.035	2459166.2604	0.852	-0.117	2459166.2648	0.862	-0.224
2459166.2560	0.842	0.037	2459166.2623	0.856	-0.115	2459166.2666	0.866	-0.234
2459166.2579	0.846	0.057	2459166.2643	0.861	-0.091	2459166.2684	0.870	-0.197
2459166.2598	0.850	0.051	2459166.2662	0.865	-0.092	2459166.2702	0.874	-0.202
2459166.2616	0.854	0.060	2459166.2679	0.869	-0.097	2459166.2720	0.878	-0.190
2459166.2637	0.859	0.063	2459166.2698	0.873	-0.090	2459166.2738	0.882	-0.176
2459166.2655	0.863	0.076	2459166.2716	0.877	-0.067	2459166.2756	0.886	-0.171
2459166.2673	0.867	0.070	2459166.2733	0.881	-0.059	2459166.2774	0.890	-0.161
2459166.2691	0.871	0.084	2459166.2752	0.885	-0.043	2459166.2792	0.894	-0.148
2459166.2709	0.875	0.100	2459166.2770	0.889	-0.047	2459166.2810	0.898	-0.132
2459166.2727	0.879	0.126	2459166.2788	0.893	-0.021	2459166.2828	0.902	-0.109
2459166.2745	0.883	0.136	2459166.2806	0.897	-0.021	2459166.2846	0.906	-0.096
2459166.2763	0.887	0.142	2459166.2824	0.901	0.014	2459166.2864	0.910	-0.084
2459166.2781	0.891	0.152	2459166.2842	0.905	0.012	2459166.2882	0.914	-0.078
2459166.2799	0.896	0.153	2459166.2860	0.909	0.038	2459166.2900	0.918	-0.052
2459166.2817	0.900	0.171	2459166.2878	0.913	0.039	2459166.2918	0.922	-0.039
2459166.2835	0.904	0.186	2459166.2896	0.917	0.068	2459166.2935	0.935	0.017
2459166.2853	0.908	0.211	2459166.2914	0.921	0.088	2459166.2951	0.939	0.025
2459166.2871	0.912	0.224	2459166.2932	0.925	0.100	2459166.3007	0.942	0.060
2459166.2889	0.916	0.247	2459166.2951	0.934	0.143	2459166.3022	0.946	0.097
2459166.2907	0.920	0.250	2459166.2987	0.938	0.162	2459166.3037	0.949	0.111
2459166.2925	0.924	0.277	2459166.3004	0.942	0.170	2459166.3052	0.953	0.106
2459166.2955	0.931	0.312	2459166.3019	0.945	0.222	2459166.3067	0.956	0.146
2459166.2965	0.933	0.324	2459166.3034	0.948	0.216	2459166.3082	0.959	0.141
2459166.2981	0.937	0.332	2459166.3049	0.952	0.277	2459166.3097	0.963	0.167
2459166.2998	0.940	0.353	2459166.3064	0.955	0.259	2459166.3113	0.966	0.205
2459166.3013	0.944	0.371	2459166.3079	0.959	0.304	2459166.3128	0.970	0.206
2459166.3028	0.947	0.404	2459166.3094	0.962	0.308	2459166.3147	0.974	0.248
2459166.3043	0.951	0.437	2459166.3109	0.965	0.331	2459166.3165	0.978	0.242
2459166.3058	0.954	0.437	2459166.3125	0.969	0.353	2459166.3183	0.982	0.230
2459166.3073	0.957	0.464	2459166.3143	0.973	0.372	2459166.3198	0.985	0.238
2459166.3088	0.961	0.487	2459166.3161	0.977	0.376	2459166.3214	0.989	0.250
2459166.3104	0.964	0.493	2459166.3179	0.981	0.387	2459166.3240	0.995	0.282
2459166.3120	0.968	0.530	2459166.3194	0.985	0.377	2459166.3257	0.999	0.268
2459166.3138	0.972	0.534	2459166.3211	0.988	0.356	2459166.3272	0.002	0.250
2459166.3155	0.976	0.552	2459166.3237	0.994	0.381	2459166.3292	0.007	0.242
2459166.3174	0.980	0.553	2459166.3253	0.998	0.393	2459166.3307	0.010	0.265
2459166.3189	0.983	0.580	2459166.3268	0.001	0.392	2459166.3321	0.013	0.252
2459166.3206	0.987	0.561	2459166.3289	0.006	0.390	2459166.3336	0.017	0.237
2459166.3232	0.993	0.581	2459166.3304	0.009	0.377	2459166.3351	0.020	0.268
2459166.3247	0.997	0.575	2459166.3318	0.013	0.371	2459166.3366	0.023	0.240
2459166.3263	0.000	0.590	2459166.3333	0.016	0.379	2459166.3381	0.027	0.230
2459166.3284	0.005	0.577	2459166.3347	0.019	0.392	2459166.3396	0.030	0.229
2459166.3298	0.008	0.557	2459166.3363	0.023	0.367	2459166.3410	0.033	0.210

**Table S2.** *BVR* bands photometric data of V805 And.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459166.3312	0.011	0.602	2459166.3377	0.026	0.385	2459166.3425	0.037	0.192
2459166.3327	0.015	0.561	2459166.3392	0.029	0.358	2459166.3439	0.040	0.178
2459166.3342	0.018	0.603	2459166.3407	0.032	0.346	2459166.3454	0.043	0.152
2459166.3358	0.021	0.582	2459166.3421	0.036	0.326			
2459166.3372	0.025	0.564	2459166.3436	0.039	0.292			
2459166.3387	0.028	0.544	2459166.3450	0.042	0.281			
2459166.3401	0.031	0.532						
2459166.3416	0.035	0.514						
2459166.3430	0.038	0.498						
2459166.3445	0.041	0.486						

Table S3. *BVR* bands photometric data of LQ Com.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458965.9933	0.982	-0.382	2458965.9905	0.974	0.018	2458965.9909	0.975	0.331
2458965.9947	0.986	-0.390	2458965.9939	0.984	0.022	2458965.9942	0.985	0.332
2458966.0002	0.002	-0.375	2458965.9952	0.988	0.024	2458965.9956	0.989	0.328
2458966.0016	0.005	-0.394	2458965.9966	0.991	0.031	2458965.9970	0.993	0.342
2458966.0030	0.009	-0.380	2458965.9980	0.995	0.033	2458965.9984	0.996	0.341
2458966.0043	0.013	-0.383	2458965.9994	0.999	0.010	2458965.9997	0.000	0.338
2458966.0057	0.017	-0.388	2458966.0007	0.003	0.033	2458966.0011	0.004	0.326
2458966.0071	0.021	-0.379	2458966.0021	0.007	0.028	2458966.0025	0.008	0.342
2458966.0085	0.025	-0.378	2458966.0035	0.011	0.019	2458966.0039	0.012	0.341
2458966.0098	0.029	-0.392	2458966.0049	0.015	0.008	2458966.0052	0.016	0.342
2458966.0112	0.032	-0.374	2458966.0062	0.018	0.022	2458966.0066	0.020	0.333
2458966.0126	0.036	-0.401	2458966.0076	0.022	0.007	2458966.0080	0.023	0.335
2458966.0140	0.040	-0.415	2458966.0090	0.026	0.013	2458966.0094	0.027	0.334
2458966.0153	0.044	-0.430	2458966.0104	0.030	0.006	2458966.0107	0.031	0.335
2458966.0167	0.048	-0.447	2458966.0117	0.034	0.004	2458966.0121	0.035	0.310
2458966.0181	0.052	-0.483	2458966.0131	0.038	-0.007	2458966.0135	0.039	0.313
2458966.0195	0.055	-0.469	2458966.0145	0.042	-0.011	2458966.0149	0.043	0.295
2458966.0208	0.059	-0.527	2458966.0159	0.045	-0.025	2458966.0162	0.046	0.292
2458966.0222	0.063	-0.535	2458966.0172	0.049	-0.037	2458966.0176	0.050	0.271
2458966.0236	0.067	-0.569	2458966.0186	0.053	-0.064	2458966.0190	0.054	0.264
2458966.0291	0.082	-0.601	2458966.0200	0.057	-0.072	2458966.0217	0.062	0.220
2458966.0304	0.086	-0.607	2458966.0214	0.061	-0.094	2458966.0286	0.081	0.141
2458966.0318	0.090	-0.671	2458966.0227	0.065	-0.119	2458966.0314	0.089	0.109
2458966.0332	0.094	-0.661	2458966.0282	0.080	-0.177	2458966.0327	0.093	0.091
2458966.0346	0.098	-0.674	2458966.0296	0.084	-0.229	2458966.0341	0.097	0.077
2458966.0359	0.102	-0.703	2458966.0310	0.088	-0.229	2458966.0355	0.100	0.081
2458966.0373	0.106	-0.694	2458966.0337	0.095	-0.249	2458966.0369	0.104	0.073
2458966.0387	0.109	-0.728	2458966.0351	0.099	-0.256	2458966.0382	0.108	0.045
2458966.0401	0.113	-0.734	2458966.0365	0.103	-0.268	2458966.0396	0.112	0.042
2458966.0414	0.117	-0.728	2458966.0378	0.107	-0.263	2458966.0410	0.116	0.036
2458966.0428	0.121	-0.736	2458966.0392	0.111	-0.289	2458966.0424	0.120	0.025
2458966.0442	0.125	-0.738	2458966.0406	0.115	-0.299	2458966.0437	0.124	0.003
2458966.0456	0.129	-0.737	2458966.0420	0.119	-0.309	2458966.0465	0.131	-0.006
2458966.0469	0.133	-0.760	2458966.0433	0.122	-0.312	2458966.0479	0.135	-0.016
2458966.0483	0.136	-0.750	2458966.0447	0.126	-0.324	2458966.0492	0.139	-0.030
2458966.0497	0.140	-0.777	2458966.0461	0.130	-0.335	2458966.0506	0.143	-0.017
2458966.0511	0.144	-0.779	2458966.0475	0.134	-0.345	2458966.0520	0.147	-0.029
2458966.0524	0.148	-0.797	2458966.0488	0.138	-0.345	2458966.0534	0.150	-0.035
2458966.0538	0.152	-0.793	2458966.0502	0.142	-0.347	2458966.0547	0.154	-0.054
2458966.0552	0.156	-0.806	2458966.0516	0.146	-0.373	2458966.0561	0.158	-0.060
2458966.0566	0.160	-0.826	2458966.0530	0.149	-0.376	2458966.0575	0.162	-0.056
2458966.0579	0.163	-0.804	2458966.0543	0.153	-0.380	2458966.0589	0.166	-0.066
2458966.0593	0.167	-0.835	2458966.0557	0.157	-0.394	2458966.0602	0.170	-0.075
2458966.0607	0.171	-0.824	2458966.0571	0.161	-0.393	2458966.0616	0.174	-0.069
2458966.0620	0.175	-0.846	2458966.0585	0.165	-0.405	2458966.0630	0.177	-0.081
2458966.0634	0.179	-0.848	2458966.0598	0.169	-0.404	2458966.0644	0.181	-0.094
2458966.0648	0.183	-0.855	2458966.0612	0.173	-0.414	2458966.0657	0.185	-0.106
2458966.0662	0.186	-0.870	2458966.0626	0.176	-0.408	2458966.0671	0.189	-0.096
2458966.0675	0.190	-0.860	2458966.0640	0.180	-0.413	2458966.0685	0.193	-0.093
2458966.0689	0.194	-0.878	2458966.0653	0.184	-0.419	2458966.0698	0.197	-0.104
2458966.0703	0.198	-0.870	2458966.0667	0.188	-0.442	2458966.0712	0.201	-0.116
2458966.0717	0.202	-0.865	2458966.0681	0.192	-0.432	2458966.0767	0.216	-0.119
2458966.0744	0.210	-0.898	2458966.0694	0.196	-0.435	2458966.0781	0.220	-0.124
2458966.0758	0.213	-0.867	2458966.0708	0.199	-0.435	2458966.0795	0.224	-0.117
2458966.0772	0.217	-0.890	2458966.0722	0.203	-0.441	2458966.0808	0.228	-0.115
2458966.0786	0.221	-0.878	2458966.0749	0.211	-0.449	2458966.0822	0.231	-0.126
2458966.0799	0.225	-0.876	2458966.0777	0.219	-0.450	2458966.0836	0.235	-0.128
2458966.0813	0.229	-0.884	2458966.0791	0.223	-0.457	2458966.0850	0.239	-0.127
2458966.0827	0.233	-0.908	2458966.0804	0.226	-0.462	2458966.0863	0.243	-0.134
2458966.0840	0.236	-0.889	2458966.0818	0.230	-0.466	2458966.0877	0.247	-0.139
2458966.0854	0.240	-0.914	2458966.0832	0.234	-0.460	2458966.0891	0.251	-0.130
2458966.0868	0.244	-0.904	2458966.0846	0.238	-0.456	2458966.0905	0.254	-0.137
2458966.0882	0.248	-0.897	2458966.0860	0.242	-0.465	2458966.0918	0.258	-0.137
2458966.0895	0.252	-0.902	2458966.0873	0.246	-0.469	2458966.0932	0.262	-0.124
2458966.0909	0.256	-0.908	2458966.0887	0.250	-0.468	2458966.0946	0.266	-0.122
2458966.0923	0.260	-0.913	2458966.0901	0.253	-0.462	2458966.0960	0.270	-0.132
2458966.0937	0.263	-0.897	2458966.0914	0.257	-0.463	2458966.0973	0.274	-0.116

Table S3. BVR bands photometric data of LQ Com.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458966.0950	0.267	-0.903	2458966.0928	0.261	-0.469	2458966.0987	0.278	-0.135
2458966.0964	0.271	-0.911	2458966.0942	0.265	-0.463	2458966.1001	0.281	-0.107
2458966.0978	0.275	-0.893	2458966.0956	0.269	-0.464	2458966.1028	0.289	-0.122
2458966.0992	0.279	-0.884	2458966.0969	0.273	-0.474	2458966.1042	0.293	-0.120
2458966.1005	0.283	-0.893	2458966.0983	0.277	-0.472	2458966.1056	0.297	-0.112
2458966.1019	0.287	-0.900	2458966.0997	0.280	-0.455	2458966.1069	0.301	-0.106
2458966.1033	0.290	-0.884	2458966.1011	0.284	-0.458	2458966.1083	0.305	-0.116
2458966.1047	0.294	-0.882	2458966.1024	0.288	-0.456	2458966.1097	0.308	-0.102
2458966.1060	0.298	-0.887	2458966.1038	0.292	-0.460	2458966.1111	0.312	-0.098
2458966.1074	0.302	-0.883	2458966.1052	0.296	-0.447	2458966.1124	0.316	-0.088
2458966.1088	0.306	-0.869	2458966.1066	0.300	-0.444	2458966.1138	0.320	-0.085
2458966.1102	0.310	-0.873	2458966.1079	0.303	-0.432	2458966.1152	0.324	-0.098
2458966.1115	0.314	-0.857	2458966.1093	0.307	-0.436	2458966.1166	0.328	-0.089
2458966.1129	0.317	-0.881	2458966.1107	0.311	-0.437	2458966.1180	0.332	-0.076
2458966.1143	0.321	-0.864	2458966.1121	0.315	-0.433	2458966.1193	0.335	-0.072
2458966.1157	0.325	-0.864	2458966.1134	0.319	-0.412	2458966.1207	0.339	-0.065
2458966.1171	0.329	-0.848	2458966.1148	0.323	-0.418	2458966.1221	0.343	-0.065
2458966.1198	0.337	-0.851	2458966.1162	0.327	-0.417	2458966.1235	0.347	-0.063
2458966.1212	0.341	-0.838	2458966.1176	0.330	-0.433	2458966.1248	0.351	-0.062
2458966.1225	0.344	-0.833	2458966.1190	0.334	-0.415	2458966.1262	0.355	-0.052
2458966.1239	0.348	-0.823	2458966.1203	0.338	-0.411	2458966.1276	0.359	-0.054
2458966.1253	0.352	-0.813	2458966.1217	0.342	-0.401	2458966.1290	0.362	-0.050
2458966.1267	0.356	-0.823	2458966.1231	0.346	-0.418	2458966.1303	0.366	-0.035
2458966.1280	0.360	-0.818	2458966.1245	0.350	-0.382	2458966.1317	0.370	-0.038
2458966.1294	0.364	-0.807	2458966.1258	0.354	-0.400	2458966.1331	0.374	-0.037
2458966.1308	0.368	-0.805	2458966.1272	0.357	-0.379	2458966.1345	0.378	-0.015
2458966.1322	0.371	-0.805	2458966.1286	0.361	-0.385	2458966.1358	0.382	-0.024
2458966.1335	0.375	-0.796	2458966.1299	0.365	-0.373	2458966.1372	0.386	-0.007
2458966.1349	0.379	-0.786	2458966.1313	0.369	-0.376	2458966.1386	0.389	-0.009
2458966.1363	0.383	-0.791	2458966.1327	0.373	-0.361	2458966.1400	0.393	0.016
2458966.1377	0.387	-0.771	2458966.1341	0.377	-0.359	2458966.1413	0.397	0.026
2458966.1390	0.391	-0.754	2458966.1354	0.381	-0.350	2458966.1441	0.405	0.043
2458966.1404	0.394	-0.739	2458966.1368	0.384	-0.341	2458966.1455	0.409	0.055
2458966.1418	0.398	-0.737	2458966.1382	0.388	-0.338	2458966.1469	0.413	0.061
2458966.1432	0.402	-0.726	2458966.1396	0.392	-0.331	2458966.1482	0.416	0.069
2458966.1446	0.406	-0.709	2458966.1409	0.396	-0.318	2458966.1496	0.420	0.081
2458966.1459	0.410	-0.696	2458966.1423	0.400	-0.313	2458966.1510	0.424	0.106
2458966.1473	0.414	-0.702	2458966.1437	0.404	-0.306	2458966.1524	0.428	0.113
2458966.1487	0.418	-0.698	2458966.1451	0.408	-0.281	2458966.1537	0.432	0.138
2458966.1501	0.422	-0.679	2458966.1465	0.411	-0.252	2458966.1551	0.436	0.143
2458966.1514	0.425	-0.662	2458966.1478	0.415	-0.266	2458966.1565	0.440	0.166
2458966.1528	0.429	-0.652	2458966.1492	0.419	-0.257	2458966.1579	0.443	0.179
2458966.1542	0.433	-0.627	2458966.1506	0.423	-0.240	2458966.1593	0.447	0.188
2458966.1556	0.437	-0.610	2458966.1520	0.427	-0.217	2458966.1606	0.451	0.206
2458966.1570	0.441	-0.587	2458966.1533	0.431	-0.204	2458966.1620	0.455	0.227
2458966.1583	0.445	-0.578	2458966.1547	0.435	-0.181	2458966.1634	0.459	0.238
2458966.1597	0.449	-0.566	2458966.1561	0.438	-0.179	2458966.1647	0.463	0.257
2458966.1611	0.452	-0.546	2458966.1575	0.442	-0.161	2458966.1661	0.467	0.247
2458966.1625	0.456	-0.532	2458966.1589	0.446	-0.134	2458966.1691	0.475	0.283
2458966.1638	0.460	-0.510	2458966.1602	0.450	-0.115	2458966.1705	0.479	0.273
2458966.1652	0.464	-0.489	2458966.1616	0.454	-0.104	2458966.1718	0.483	0.273
2458966.1666	0.468	-0.478	2458966.1630	0.458	-0.100	2458966.1732	0.486	0.285
2458966.1680	0.472	-0.470	2458966.1644	0.462	-0.077	2458966.1746	0.490	0.275
2458966.1696	0.476	-0.476	2458966.1657	0.465	-0.061	2458966.1760	0.494	0.273
2458966.1709	0.480	-0.488	2458966.1671	0.469	-0.053	2458966.1787	0.502	0.270
2458966.1737	0.488	-0.480	2458966.1685	0.473	-0.055	2458966.1801	0.506	0.283
2458966.1750	0.492	-0.465	2458966.1701	0.478	-0.056	2458966.1815	0.509	0.278
2458966.1764	0.495	-0.468	2458966.1714	0.481	-0.047	2458966.1828	0.513	0.266
2458966.1778	0.499	-0.486	2458966.1728	0.485	-0.047	2458966.1842	0.517	0.276
2458966.1792	0.503	-0.460	2458966.1742	0.489	-0.037	2458966.1856	0.521	0.267
2458966.1805	0.507	-0.489	2458966.1756	0.493	-0.050	2458966.1870	0.525	0.271
2458966.1819	0.511	-0.471	2458966.1769	0.497	-0.038	2458966.1883	0.529	0.264
2458966.1833	0.515	-0.475	2458966.1783	0.501	-0.041	2458966.1897	0.533	0.278
2458966.1847	0.518	-0.472	2458966.1797	0.505	-0.035	2458966.1911	0.536	0.274
2458966.1860	0.522	-0.477	2458966.1838	0.516	-0.052	2458966.1924	0.540	0.275
2458966.1874	0.526	-0.489	2458966.1852	0.520	-0.043	2458966.1938	0.544	0.273
2458966.1888	0.530	-0.491	2458966.1879	0.528	-0.048	2458966.1952	0.548	0.258
2458966.1902	0.534	-0.486	2458966.1893	0.531	-0.042	2458966.1966	0.552	0.240

Table S3. *BVR* bands photometric data of LQ Com.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2458966.1915	0.538	-0.466	2458966.1907	0.535	-0.050	2458966.1979	0.556	0.232
2458966.1929	0.542	-0.468	2458966.1921	0.539	-0.060	2458966.1993	0.560	0.227
2458966.1943	0.545	-0.484	2458966.1934	0.543	-0.060	2458966.2007	0.563	0.209
2458966.1957	0.549	-0.513	2458966.1948	0.547	-0.069	2458966.2021	0.567	0.198
2458966.1970	0.553	-0.513	2458966.1962	0.551	-0.084	2458966.2034	0.571	0.183
2458966.1984	0.557	-0.518	2458966.1976	0.555	-0.086	2458966.2048	0.575	0.175
2458966.1998	0.561	-0.534	2458966.1989	0.558	-0.105	2458966.2062	0.579	0.155
2458966.2012	0.565	-0.562	2458966.2003	0.562	-0.120	2458966.2076	0.583	0.141
2458966.2025	0.569	-0.568	2458966.2017	0.566	-0.143	2458966.2089	0.587	0.123
2458966.2039	0.572	-0.592	2458966.2031	0.570	-0.138	2458966.2103	0.590	0.094
2458966.2053	0.576	-0.581	2458966.2044	0.574	-0.153	2458966.2117	0.594	0.098
2458966.2067	0.580	-0.617	2458966.2058	0.578	-0.174	2458966.2131	0.598	0.072
2458966.2080	0.584	-0.623	2458966.2072	0.582	-0.192	2458966.2144	0.602	0.069
2458966.2094	0.588	-0.640	2458966.2086	0.585	-0.207	2458966.2158	0.606	0.046
2458966.2108	0.592	-0.661	2458966.2099	0.589	-0.218	2458966.2172	0.610	0.041
2458966.2121	0.595	-0.668	2458966.2113	0.593	-0.223	2458966.2186	0.613	0.019
2458966.2135	0.599	-0.678	2458966.2127	0.597	-0.245	2458966.2199	0.617	0.006
2458966.2149	0.603	-0.689	2458966.2141	0.601	-0.257	2458966.2213	0.621	0.007
2458966.2163	0.607	-0.737	2458966.2154	0.605	-0.276	2458966.2227	0.625	-0.027
2458966.2176	0.611	-0.735	2458966.2168	0.609	-0.289	2458966.2240	0.629	-0.027
2458966.2190	0.615	-0.750	2458966.2182	0.612	-0.323	2458966.2254	0.633	-0.034
2458966.2204	0.619	-0.759	2458966.2195	0.616	-0.317	2458966.2268	0.637	-0.053
2458966.2218	0.622	-0.758	2458966.2209	0.620	-0.318	2458966.2282	0.640	-0.048
2458966.2231	0.626	-0.788	2458966.2223	0.624	-0.338	2458966.2295	0.644	-0.052
2458966.2245	0.630	-0.785	2458966.2237	0.628	-0.368	2458966.2309	0.648	-0.053
2458966.2273	0.638	-0.790	2458966.2250	0.632	-0.350	2458966.2323	0.652	-0.051
2458966.2300	0.646	-0.804	2458966.2264	0.635	-0.368	2458966.2337	0.656	-0.068
2458966.2314	0.649	-0.818	2458966.2278	0.639	-0.365	2458966.2350	0.660	-0.069
2458966.2327	0.653	-0.822	2458966.2292	0.643	-0.375	2458966.2364	0.664	-0.075
2458966.2341	0.657	-0.822	2458966.2305	0.647	-0.384	2458966.2378	0.667	-0.077
2458966.2355	0.661	-0.827	2458966.2319	0.651	-0.377	2458966.2406	0.675	-0.098
2458966.2369	0.665	-0.819	2458966.2333	0.655	-0.400	2458966.2419	0.679	-0.089
2458966.2382	0.669	-0.829	2458966.2347	0.659	-0.397	2458966.2433	0.683	-0.106
2458966.2396	0.673	-0.839	2458966.2360	0.662	-0.401	2458966.2447	0.687	-0.112
2458966.2410	0.676	-0.840	2458966.2374	0.666	-0.404	2458966.2460	0.690	-0.118
2458966.2437	0.684	-0.837	2458966.2388	0.670	-0.409	2458966.2507	0.704	-0.098
2458966.2451	0.688	-0.854	2458966.2402	0.674	-0.404	2458966.2521	0.707	-0.104
2458966.2498	0.701	-0.854	2458966.2415	0.678	-0.407	2458966.2535	0.711	-0.121
2458966.2512	0.705	-0.868	2458966.2429	0.682	-0.419	2458966.2548	0.715	-0.118
2458966.2525	0.709	-0.859	2458966.2443	0.686	-0.431	2458966.2562	0.719	-0.113
2458966.2622	0.736	-0.872	2458966.2456	0.689	-0.425	2458966.2576	0.723	-0.123
2458966.2635	0.739	-0.887	2458966.2503	0.702	-0.437	2458966.2590	0.727	-0.114
2458966.2649	0.743	-0.887	2458966.2517	0.706	-0.439	2458966.2603	0.730	-0.104
2458966.2663	0.747	-0.863	2458966.2531	0.710	-0.439	2458966.2617	0.734	-0.112
2458966.2676	0.751	-0.878	2458966.2544	0.714	-0.445	2458966.2644	0.742	-0.120
2458966.2690	0.755	-0.867	2458966.2572	0.722	-0.448	2458966.2658	0.746	-0.119
2458966.2704	0.759	-0.881	2458966.2586	0.726	-0.445	2458966.2672	0.750	-0.130
2458966.2718	0.763	-0.886	2458966.2613	0.733	-0.446	2458966.2686	0.754	-0.124
2458966.2731	0.766	-0.875	2458966.2627	0.737	-0.448	2458966.2699	0.757	-0.108
2458966.2759	0.774	-0.870	2458966.2641	0.741	-0.454	2458966.2713	0.761	-0.128
2458966.2773	0.778	-0.856	2458966.2654	0.745	-0.450	2458966.2727	0.765	-0.117
2458966.2814	0.790	-0.874	2458966.2723	0.764	-0.462	2458966.2741	0.769	-0.106
2458966.2883	0.809	-0.846	2458966.2737	0.768	-0.463	2458966.2754	0.773	-0.103
2458966.2910	0.817	-0.840	2458966.2750	0.772	-0.454	2458966.2768	0.777	-0.099
2458966.2924	0.820	-0.845	2458966.2764	0.776	-0.442	2458966.2782	0.781	-0.097
2458966.2938	0.824	-0.820	2458966.2778	0.779	-0.445	2458966.2796	0.784	-0.105
2458966.2951	0.828	-0.841	2458966.2792	0.783	-0.454	2458966.2809	0.788	-0.098
2458966.2965	0.832	-0.829	2458966.2805	0.787	-0.449	2458966.2823	0.792	-0.088
2458966.3006	0.843	-0.779	2458966.2819	0.791	-0.433	2458966.2837	0.796	-0.115
2458966.3020	0.847	-0.818	2458966.2847	0.799	-0.446	2458966.2851	0.800	-0.094
2458966.3034	0.851	-0.769	2458966.2861	0.803	-0.433	2458966.2864	0.804	-0.100
2458966.3048	0.855	-0.773	2458966.2874	0.806	-0.447	2458966.2878	0.808	-0.105
2458966.3061	0.859	-0.758	2458966.2888	0.810	-0.419	2458966.2892	0.811	-0.089
2458966.3075	0.863	-0.768	2458966.2902	0.814	-0.438	2458966.2906	0.815	-0.098
2459303.1303	0.779	-0.850	2458966.2916	0.818	-0.427	2458966.2919	0.819	-0.098
2459303.1361	0.795	-0.835	2458966.2929	0.822	-0.428	2458966.2933	0.823	-0.067
2459303.1419	0.811	-0.814	2458966.2943	0.826	-0.418	2458966.2947	0.827	-0.083
2459303.1479	0.828	-0.805	2458966.2957	0.830	-0.399	2458966.2961	0.831	-0.077

Table S3. BVR bands photometric data of LQ Com.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459303.1537	0.845	-0.784	2458966.2970	0.833	-0.390	2458966.2974	0.834	-0.054
2459303.1596	0.861	-0.755	2458966.2984	0.837	-0.399	2458966.2988	0.838	-0.059
2459303.1654	0.877	-0.746	2458966.2998	0.841	-0.387	2458966.3002	0.842	-0.044
2459303.1712	0.894	-0.682	2458966.3012	0.845	-0.379	2458966.3016	0.846	-0.053
2459303.1770	0.910	-0.660	2458966.3025	0.849	-0.371	2458966.3029	0.850	-0.042
2459303.1828	0.926	-0.593	2458966.3039	0.853	-0.358	2458966.3043	0.854	-0.050
2459303.1886	0.942	-0.502	2458966.3053	0.857	-0.373	2458966.3057	0.858	-0.029
2459303.1944	0.958	-0.434	2458966.3067	0.860	-0.361	2458966.3071	0.861	-0.034
2459303.2002	0.975	-0.392	2458966.3080	0.864	-0.352	2458966.3084	0.865	-0.029
2459303.2060	0.991	-0.383	2459303.1325	0.785	-0.420	2459303.1341	0.790	-0.095
2459303.2118	0.007	-0.383	2459303.1383	0.801	-0.412	2459303.1399	0.806	-0.078
2459303.2176	0.023	-0.397	2459303.1441	0.817	-0.402	2459303.1457	0.822	-0.065
2459303.2234	0.040	-0.421	2459303.1501	0.834	-0.381	2459303.1518	0.839	-0.043
2459303.2291	0.056	-0.487	2459303.1559	0.851	-0.361	2459303.1576	0.855	-0.023
2459303.2349	0.072	-0.559	2459303.1617	0.867	-0.328	2459303.1634	0.872	-0.008
2459303.2408	0.089	-0.646	2459303.1675	0.883	-0.302	2459303.1692	0.888	0.031
2459303.2466	0.105	-0.700	2459303.1733	0.900	-0.265	2459303.1750	0.904	0.066
2459303.2524	0.121	-0.744	2459303.1791	0.916	-0.216	2459303.1808	0.920	0.139
2459303.2582	0.137	-0.776	2459303.1849	0.932	-0.148	2459303.1866	0.937	0.194
2459303.2640	0.153	-0.803	2459303.1907	0.948	-0.065	2459303.1924	0.953	0.268
2459303.2698	0.170	-0.827	2459303.1965	0.964	-0.003	2459303.1982	0.969	0.329
2459303.2756	0.186	-0.863	2459303.2023	0.981	0.039	2459303.2040	0.985	0.345
2459303.2814	0.202	-0.878	2459303.2081	0.997	0.037	2459303.2098	0.002	0.353
2459303.2872	0.219	-0.896	2459303.2139	0.013	0.032	2459303.2156	0.018	0.338
2459303.2930	0.235	-0.894	2459303.2197	0.029	0.009	2459303.2214	0.034	0.319
2459303.2988	0.251	-0.900	2459303.2255	0.046	-0.011	2459303.2272	0.050	0.280
2459303.3046	0.267	-0.897	2459303.2313	0.062	-0.092	2459303.2330	0.067	0.206
2459303.3103	0.283	-0.884	2459303.2371	0.078	-0.189	2459303.2388	0.083	0.134
2459303.3161	0.300	-0.870	2459303.2429	0.095	-0.250	2459303.2446	0.099	0.072
2459303.3219	0.316	-0.854	2459303.2487	0.111	-0.294	2459303.2504	0.115	0.026
2459303.3277	0.332	-0.835	2459303.2545	0.127	-0.323	2459303.2562	0.132	-0.014
2459303.3335	0.348	-0.808	2459303.2603	0.143	-0.371	2459303.2620	0.148	-0.047
2459303.3393	0.365	-0.786	2459303.2661	0.159	-0.384	2459303.2678	0.164	-0.069
2459303.3451	0.381	-0.772	2459303.2719	0.176	-0.421	2459303.2736	0.180	-0.082
2459303.3509	0.397	-0.706	2459303.2777	0.192	-0.440	2459303.2794	0.197	-0.104
2459303.3567	0.413	-0.663	2459303.2835	0.208	-0.456	2459303.2852	0.213	-0.119
2459303.3625	0.430	-0.598	2459303.2893	0.225	-0.459	2459303.2910	0.229	-0.120
2459303.3683	0.446	-0.521	2459303.2951	0.241	-0.467	2459303.2968	0.245	-0.129
2459303.3741	0.462	-0.471	2459303.3009	0.257	-0.458	2459303.3026	0.262	-0.129
2459323.0453	0.589	-0.622	2459303.3067	0.273	-0.458	2459303.3084	0.278	-0.123
2459323.0471	0.594	-0.672	2459303.3125	0.289	-0.447	2459303.3142	0.294	-0.115
2459323.0488	0.599	-0.687	2459303.3183	0.306	-0.419	2459303.3200	0.310	-0.095
2459323.0512	0.605	-0.703	2459303.3241	0.322	-0.420	2459303.3257	0.327	-0.079
2459323.0563	0.620	-0.761	2459303.3299	0.338	-0.384	2459303.3315	0.343	-0.061
2459323.0621	0.636	-0.797	2459303.3357	0.354	-0.374	2459303.3374	0.359	-0.043
2459323.0679	0.652	-0.817	2459303.3415	0.371	-0.368	2459303.3431	0.375	-0.015
2459323.0737	0.669	-0.835	2459303.3473	0.387	-0.313	2459303.3489	0.392	0.019
2459323.0795	0.685	-0.847	2459303.3531	0.403	-0.262	2459303.3547	0.408	0.070
2459323.0853	0.701	-0.854	2459303.3588	0.419	-0.224	2459303.3605	0.424	0.132
2459323.0911	0.717	-0.859	2459303.3646	0.436	-0.146	2459303.3663	0.440	0.192
2459323.0969	0.734	-0.885	2459303.3704	0.452	-0.086	2459303.3721	0.457	0.245
2459323.1027	0.750	-0.880	2459303.3762	0.468	-0.033	2459303.3779	0.473	0.287
2459323.1085	0.766	-0.878	2459323.0460	0.591	-0.239	2459323.0465	0.592	0.095
2459323.1143	0.782	-0.876	2459323.0477	0.596	-0.258	2459323.0483	0.597	0.071
2459323.1201	0.799	-0.861	2459323.0495	0.601	-0.271	2459323.0500	0.602	0.067
2459323.1259	0.815	-0.835	2459323.0528	0.610	-0.311	2459323.0543	0.614	0.029
2459323.1317	0.831	-0.828	2459323.0585	0.626	-0.332	2459323.0602	0.631	-0.014
2459323.1375	0.847	-0.802	2459323.0643	0.642	-0.378	2459323.0660	0.647	-0.037
2459323.1433	0.864	-0.769	2459323.0701	0.658	-0.394	2459323.0718	0.663	-0.061
2459323.1491	0.880	-0.744	2459323.0759	0.675	-0.408	2459323.0776	0.679	-0.081
2459323.1549	0.896	-0.697	2459323.0817	0.691	-0.431	2459323.0833	0.696	-0.090
2459323.1607	0.912	-0.656	2459323.0875	0.707	-0.430	2459323.0891	0.712	-0.099
2459323.1665	0.928	-0.587	2459323.0933	0.723	-0.439	2459323.0949	0.728	-0.107
2459323.1781	0.961	-0.398	2459323.0991	0.740	-0.457	2459323.1007	0.744	-0.108
2459323.1839	0.977	-0.391	2459323.1049	0.756	-0.445	2459323.1065	0.760	-0.111
2459323.1896	0.993	-0.397	2459323.1107	0.772	-0.448	2459323.1123	0.777	-0.112
2459323.1954	0.010	-0.386	2459323.1165	0.788	-0.433	2459323.1181	0.793	-0.104
2459323.2012	0.026	-0.398	2459323.1222	0.805	-0.425	2459323.1239	0.809	-0.087

Table S3. *BVR* bands photometric data of LQ Com.

<i>B</i> band			<i>V</i> band			<i>R</i> band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2459323.2070	0.042	-0.429	2459323.1280	0.821	-0.408	2459323.1297	0.825	-0.070
2459323.2128	0.058	-0.496	2459323.1338	0.837	-0.394	2459323.1355	0.842	-0.056
2459323.2186	0.075	-0.571	2459323.1396	0.853	-0.371	2459323.1413	0.858	-0.026
2459323.2244	0.091	-0.640	2459323.1454	0.870	-0.350	2459323.1471	0.874	-0.008
2459323.2302	0.107	-0.698	2459323.1512	0.886	-0.306	2459323.1529	0.890	0.032
2459323.2360	0.123	-0.745	2459323.1570	0.902	-0.276	2459323.1587	0.907	0.077
2459323.2418	0.140	-0.795	2459323.1628	0.918	-0.216	2459323.1645	0.923	0.135
2459323.2476	0.156	-0.832	2459323.1686	0.934	-0.151	2459323.1703	0.939	0.203
2459323.2534	0.172	-0.835	2459323.1802	0.967	-0.035	2459323.1761	0.955	0.300
2459323.2592	0.188	-0.846	2459323.1860	0.983	0.017	2459323.1819	0.972	0.343
2459323.2650	0.205	-0.872	2459323.1918	0.999	0.022	2459323.1877	0.988	0.346
2459323.2708	0.221	-0.871	2459323.1976	0.016	0.029	2459323.1935	0.004	0.348
2459323.2766	0.237	-0.892	2459323.2034	0.032	0.008	2459323.1993	0.020	0.339
2459323.2824	0.253	-0.891	2459323.2092	0.048	-0.029	2459323.2050	0.037	0.333
2459323.2882	0.270	-0.873	2459323.2150	0.064	-0.110	2459323.2108	0.053	0.275
2459323.2940	0.286	-0.869	2459323.2208	0.081	-0.182	2459323.2166	0.069	0.198
2459323.2998	0.302	-0.869	2459323.2266	0.097	-0.244	2459323.2224	0.085	0.132
2459323.3056	0.318	-0.833	2459323.2324	0.113	-0.300	2459323.2282	0.102	0.069
2459323.3114	0.335	-0.830	2459323.2382	0.129	-0.338	2459323.2340	0.118	0.020
2459323.3171	0.351	-0.813	2459323.2440	0.146	-0.375	2459323.2398	0.134	-0.016
2459323.3229	0.367	-0.787	2459323.2497	0.162	-0.393	2459323.2456	0.150	-0.050
2459323.3287	0.383	-0.764	2459323.2555	0.178	-0.420	2459323.2514	0.167	-0.074
2459323.3345	0.399	-0.713	2459323.2613	0.194	-0.440	2459323.2572	0.183	-0.084
2459323.3403	0.416	-0.643	2459323.2671	0.211	-0.450	2459323.2630	0.199	-0.103
2459323.3461	0.432	-0.587	2459323.2729	0.227	-0.466	2459323.2688	0.215	-0.118
			2459323.2787	0.243	-0.467	2459323.2746	0.231	-0.129
			2459323.2845	0.259	-0.460	2459323.2804	0.248	-0.126
			2459323.2903	0.276	-0.455	2459323.2862	0.264	-0.128
			2459323.2961	0.292	-0.464	2459323.2920	0.280	-0.129
			2459323.3019	0.308	-0.441	2459323.2978	0.296	-0.123
			2459323.3077	0.324	-0.437	2459323.3036	0.313	-0.107
			2459323.3135	0.341	-0.412	2459323.3094	0.329	-0.095
			2459323.3193	0.357	-0.400	2459323.3152	0.345	-0.069
			2459323.3251	0.373	-0.373	2459323.3210	0.361	-0.054
			2459323.3309	0.389	-0.329	2459323.3268	0.378	-0.021
			2459323.3367	0.405	-0.291	2459323.3325	0.394	0.009
			2459323.3425	0.422	-0.227	2459323.3383	0.410	0.057
			2459323.3483	0.438	-0.165	2459323.3441	0.426	0.116
			2459323.3541	0.454	-0.101	2459323.3499	0.443	0.197
			2459323.3599	0.470	-0.045	2459323.3557	0.459	0.265
						2459323.3615	0.475	0.276

Table S4. BVR bands photometric data of EG CVn.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457141.0050	0.071	0.751	2457141.0054	0.072	0.800	2457141.0058	0.073	0.802
2457141.0066	0.076	0.738	2457141.0071	0.077	0.772	2457141.0075	0.078	0.789
2457141.0084	0.081	0.730	2457141.0090	0.082	0.757	2457141.0095	0.084	0.759
2457141.0101	0.086	0.705	2457141.0107	0.087	0.738	2457141.0112	0.089	0.744
2457141.0118	0.090	0.702	2457141.0124	0.092	0.733	2457141.0129	0.094	0.736
2457141.0135	0.095	0.680	2457141.0142	0.097	0.720	2457141.0147	0.099	0.720
2457141.0153	0.100	0.644	2457141.0159	0.102	0.692	2457141.0164	0.104	0.707
2457141.0170	0.105	0.662	2457141.0176	0.107	0.682	2457141.0181	0.109	0.690
2457141.0187	0.110	0.628	2457141.0193	0.112	0.678	2457141.0199	0.114	0.677
2457141.0204	0.115	0.618	2457141.0211	0.117	0.664	2457141.0216	0.118	0.668
2457141.0222	0.120	0.604	2457141.0228	0.122	0.648	2457141.0233	0.123	0.666
2457141.0239	0.125	0.593	2457141.0245	0.127	0.653	2457141.0250	0.128	0.658
2457141.0256	0.130	0.597	2457141.0262	0.132	0.631	2457141.0268	0.133	0.652
2457141.0273	0.135	0.562	2457141.0280	0.137	0.640	2457141.0285	0.138	0.627
2457141.0291	0.140	0.572	2457141.0297	0.142	0.609	2457141.0302	0.143	0.619
2457141.0308	0.145	0.562	2457141.0314	0.147	0.597	2457141.0319	0.148	0.623
2457141.0325	0.150	0.562	2457141.0331	0.152	0.608	2457141.0337	0.153	0.609
2457141.0342	0.155	0.541	2457141.0349	0.156	0.598	2457141.0354	0.158	0.602
2457141.0360	0.160	0.532	2457141.0366	0.161	0.570	2457141.0371	0.163	0.605
2457141.0379	0.165	0.528	2457141.0385	0.167	0.581	2457141.0389	0.168	0.593
2457141.0394	0.170	0.515	2457141.0400	0.171	0.567	2457141.0404	0.172	0.593
2457141.0409	0.174	0.525	2457141.0415	0.175	0.561	2457141.0419	0.177	0.585
2457141.0424	0.178	0.515	2457141.0430	0.180	0.553	2457141.0434	0.181	0.572
2457141.0439	0.182	0.495	2457141.0445	0.184	0.551	2457141.0449	0.185	0.569
2457141.0454	0.187	0.509	2457141.0460	0.188	0.557	2457141.0464	0.189	0.571
2457141.0471	0.192	0.505	2457141.0477	0.193	0.533	2457141.0481	0.194	0.562
2457141.0485	0.196	0.506	2457141.0491	0.197	0.534	2457141.0495	0.198	0.554
2457141.0542	0.212	0.466	2457141.0548	0.214	0.522	2457141.0552	0.215	0.545
2457141.0556	0.216	0.458	2457141.0562	0.218	0.527	2457141.0566	0.219	0.545
2457141.0571	0.220	0.473	2457141.0576	0.222	0.529	2457141.0581	0.223	0.552
2457141.0585	0.224	0.475	2457141.0591	0.226	0.519	2457141.0595	0.227	0.539
2457141.0600	0.228	0.450	2457141.0605	0.230	0.509	2457141.0609	0.231	0.524
2457141.0614	0.232	0.464	2457141.0620	0.234	0.512	2457141.0623	0.235	0.534
2457141.0628	0.237	0.457	2457141.0634	0.238	0.515	2457141.0638	0.239	0.522
2457141.0642	0.241	0.459	2457141.0648	0.242	0.510	2457141.0652	0.243	0.533
2457141.0657	0.245	0.458	2457141.0663	0.246	0.508	2457141.0666	0.248	0.528
2457141.0671	0.249	0.454	2457141.0677	0.250	0.512	2457141.0681	0.252	0.524
2457141.0685	0.253	0.459	2457141.0691	0.255	0.514	2457141.0695	0.256	0.530
2457141.0700	0.257	0.457	2457141.0705	0.259	0.509	2457141.0709	0.260	0.524
2457141.0714	0.261	0.457	2457141.0720	0.263	0.509	2457141.0724	0.264	0.526
2457141.0728	0.265	0.465	2457141.0734	0.267	0.506	2457141.0738	0.268	0.538
2457141.0743	0.269	0.463	2457141.0748	0.271	0.515	2457141.0752	0.272	0.525
2457141.0757	0.273	0.463	2457141.0763	0.275	0.519	2457141.0767	0.276	0.527
2457141.0771	0.278	0.471	2457141.0777	0.279	0.511	2457141.0781	0.280	0.538
2457141.0786	0.282	0.452	2457141.0792	0.283	0.516	2457141.0795	0.284	0.528
2457141.0800	0.286	0.454	2457141.0806	0.287	0.515	2457141.0810	0.289	0.537
2457141.0814	0.290	0.464	2457141.0820	0.291	0.527	2457141.0824	0.293	0.551
2457141.0829	0.294	0.469	2457141.0835	0.296	0.522	2457141.0839	0.297	0.555
2457141.0843	0.298	0.477	2457141.0849	0.300	0.523	2457141.0853	0.301	0.550
2457141.0858	0.302	0.484	2457141.0863	0.304	0.533	2457141.0867	0.305	0.548
2457141.0872	0.306	0.476	2457141.0877	0.308	0.531	2457141.0881	0.309	0.566
2457141.0886	0.310	0.489	2457141.0892	0.312	0.531	2457141.0896	0.313	0.568
2457141.0900	0.314	0.495	2457141.0906	0.316	0.550	2457141.0910	0.317	0.565
2457141.0915	0.319	0.494	2457141.0920	0.320	0.543	2457141.0924	0.321	0.571
2457141.0929	0.323	0.485	2457141.0935	0.324	0.549	2457141.0939	0.325	0.584
2457141.0943	0.327	0.507	2457141.0949	0.328	0.563	2457141.0953	0.330	0.581
2457141.0958	0.331	0.521	2457141.0963	0.333	0.566	2457141.0967	0.334	0.585
2457141.0972	0.335	0.515	2457141.0978	0.337	0.574	2457141.0982	0.338	0.604
2457141.0986	0.339	0.527	2457141.0992	0.341	0.582	2457141.0996	0.342	0.597
2457141.1001	0.343	0.534	2457141.1006	0.345	0.584	2457141.1011	0.346	0.608
2457141.1015	0.347	0.536	2457141.1021	0.349	0.596	2457141.1025	0.350	0.627
2457141.1030	0.351	0.537	2457141.1035	0.353	0.595	2457141.1039	0.354	0.615
2457141.1044	0.356	0.566	2457141.1050	0.357	0.596	2457141.1053	0.358	0.631
2457141.1058	0.360	0.559	2457141.1064	0.361	0.608	2457141.1068	0.362	0.643
2457141.1072	0.364	0.573	2457141.1078	0.365	0.632	2457141.1082	0.366	0.646
2457141.1087	0.368	0.583	2457141.1092	0.369	0.625	2457141.1096	0.371	0.655
2457141.1101	0.372	0.577	2457141.1107	0.374	0.640	2457141.1111	0.375	0.667



Table S4. *BVR* bands photometric data of EG CVn.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457141.1116	0.376	0.596	2457141.1121	0.378	0.659	2457141.1125	0.379	0.684
2457141.1130	0.380	0.604	2457141.1136	0.382	0.664	2457141.1140	0.383	0.691
2457141.1144	0.384	0.617	2457141.1150	0.386	0.668	2457141.1154	0.387	0.699
2457141.1159	0.388	0.620	2457141.1164	0.390	0.691	2457141.1168	0.391	0.722
2457141.1173	0.392	0.636	2457141.1179	0.394	0.682	2457141.1182	0.395	0.720
2457141.1187	0.397	0.639	2457141.1193	0.398	0.696	2457141.1197	0.399	0.735
2457141.1202	0.401	0.657	2457141.1207	0.402	0.727	2457141.1211	0.403	0.742
2457141.1216	0.405	0.668	2457141.1222	0.406	0.735	2457141.1225	0.408	0.749
2457141.1230	0.409	0.686	2457141.1236	0.410	0.738	2457141.1240	0.412	0.763
2457141.1245	0.413	0.711	2457141.1250	0.415	0.758	2457141.1254	0.416	0.776
2457141.1259	0.417	0.719	2457141.1264	0.419	0.762	2457141.1269	0.420	0.789
2457141.1273	0.421	0.729	2457141.1279	0.423	0.791	2457141.1283	0.424	0.816
2457141.1288	0.425	0.753	2457141.1293	0.427	0.803	2457141.1297	0.428	0.825
2457141.1302	0.429	0.764	2457141.1308	0.431	0.809	2457141.1311	0.432	0.823
2457141.1316	0.433	0.766	2457141.1322	0.435	0.841	2457141.1326	0.436	0.847
2457141.1330	0.438	0.801	2457141.1336	0.439	0.847	2457141.1340	0.440	0.869
2457141.1345	0.442	0.802	2457141.1351	0.443	0.859	2457141.1354	0.444	0.861
2457141.1359	0.446	0.820	2457141.1365	0.447	0.880	2457141.1369	0.449	0.891
2457141.1373	0.450	0.837	2457141.1379	0.452	0.882	2457141.1383	0.453	0.912
2457141.1388	0.454	0.844	2457141.1394	0.456	0.895	2457141.1398	0.457	0.917
2457141.1402	0.458	0.865	2457141.1408	0.460	0.926	2457141.1412	0.461	0.945
2457141.1417	0.462	0.885	2457141.1422	0.464	0.940	2457141.1426	0.465	0.939
2457141.1431	0.466	0.905	2457141.1437	0.468	0.950	2457141.1441	0.469	0.956
2457141.1445	0.470	0.893	2457141.1451	0.472	0.952	2457141.1455	0.473	0.988
2457141.1460	0.475	0.924	2457141.1465	0.476	0.963	2457141.1469	0.477	0.984
2457141.1474	0.479	0.923	2457141.1480	0.480	0.964	2457141.1484	0.481	0.974
2457141.1488	0.483	0.913	2457141.1494	0.484	0.971	2457141.1498	0.486	0.988
2457141.1503	0.487	0.916	2457141.1508	0.489	0.982	2457141.1512	0.490	0.986
2457141.1517	0.491	0.938	2457141.1523	0.493	0.986	2457141.1527	0.494	1.006
2457141.1531	0.495	0.938	2457141.1537	0.497	0.997	2457141.1541	0.498	0.997
2457141.1546	0.499	0.939	2457141.1551	0.501	0.981	2457141.1555	0.502	0.998
2457141.1560	0.503	0.948	2457141.1566	0.505	0.986	2457141.1570	0.506	1.000
2457141.1574	0.507	0.935	2457141.1580	0.509	0.983	2457141.1584	0.510	0.983
2457141.1589	0.512	0.934	2457141.1594	0.513	0.982	2457141.1598	0.514	0.989
2457141.1603	0.516	0.917	2457141.1609	0.517	0.973	2457141.1613	0.518	0.979
2457141.1617	0.520	0.912	2457141.1623	0.521	0.955	2457141.1627	0.522	0.971
2457141.1632	0.524	0.904	2457141.1637	0.525	0.952	2457141.1641	0.527	0.962
2457141.1646	0.528	0.899	2457141.1652	0.530	0.951	2457141.1656	0.531	0.950
2457141.1660	0.532	0.872	2457141.1666	0.534	0.925	2457141.1670	0.535	0.942
2457141.1675	0.536	0.871	2457141.1680	0.538	0.912	2457141.1684	0.539	0.937
2457141.1689	0.540	0.849	2457141.1695	0.542	0.897	2457141.1699	0.543	0.919
2457141.1703	0.544	0.845	2457141.1709	0.546	0.883	2457141.1713	0.547	0.901
2457141.1718	0.548	0.835	2457141.1723	0.550	0.872	2457141.1727	0.551	0.885
2457141.1732	0.553	0.804	2457141.1738	0.554	0.842	2457141.1742	0.555	0.870
2457141.1746	0.557	0.792	2457141.1752	0.558	0.837	2457141.1756	0.559	0.851
2457141.1761	0.561	0.781	2457141.1766	0.562	0.823	2457141.1770	0.564	0.855
2457141.1775	0.565	0.768	2457141.1781	0.567	0.810	2457141.1785	0.568	0.815
2457141.1789	0.569	0.746	2457141.1795	0.571	0.789	2457141.1799	0.572	0.807
2457141.1804	0.573	0.727	2457141.1809	0.575	0.778	2457141.1813	0.576	0.787
2457141.1818	0.577	0.718	2457141.1824	0.579	0.751	2457141.1828	0.580	0.772
2457141.1832	0.581	0.698	2457141.1838	0.583	0.748	2457141.1842	0.584	0.750
2457141.1847	0.585	0.687	2457141.1852	0.587	0.723	2457141.1856	0.588	0.749
2457141.1861	0.589	0.669	2457141.1867	0.591	0.712	2457141.1871	0.592	0.739
2457141.1875	0.594	0.673	2457141.1881	0.595	0.716	2457141.1885	0.596	0.722
2457141.1890	0.598	0.648	2457141.1895	0.599	0.693	2457141.1899	0.600	0.697
2457141.1904	0.602	0.640	2457141.1910	0.603	0.684	2457141.1914	0.605	0.697
2457141.1918	0.606	0.624	2457141.1924	0.608	0.666	2457141.1928	0.609	0.684
2457141.1933	0.610	0.613	2457141.1938	0.612	0.652	2457141.1942	0.613	0.676
2457141.1947	0.614	0.597	2457141.1953	0.616	0.651	2457141.1957	0.617	0.663
2457141.1961	0.618	0.594	2457141.1967	0.620	0.643	2457141.1971	0.621	0.645
2457141.1976	0.622	0.588	2457141.1981	0.624	0.634	2457141.1985	0.625	0.653
2457141.1990	0.626	0.569	2457141.1996	0.628	0.622	2457141.2000	0.629	0.640
2457141.2004	0.631	0.570	2457141.2010	0.632	0.612	2457141.2014	0.633	0.624
2457141.2019	0.635	0.555	2457141.2024	0.636	0.614	2457141.2028	0.637	0.625
2457141.2033	0.639	0.541	2457141.2039	0.640	0.594	2457141.2043	0.642	0.617
2457141.2047	0.643	0.536	2457141.2053	0.644	0.580	2457141.2057	0.646	0.598
2457141.2062	0.647	0.538	2457141.2067	0.649	0.585	2457141.2071	0.650	0.605
2457141.2076	0.651	0.527	2457141.2082	0.653	0.576	2457141.2086	0.654	0.594

Table S4. BVR bands photometric data of EG CVn.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457141.2090	0.655	0.522	2457141.2096	0.657	0.562	2457141.2100	0.658	0.599
2457141.2105	0.659	0.519	2457141.2110	0.661	0.561	2457141.2114	0.662	0.588
2457141.2119	0.663	0.513	2457141.2125	0.665	0.563	2457141.2129	0.666	0.582
2457141.2133	0.667	0.498	2457141.2139	0.669	0.548	2457141.2143	0.670	0.578
2457141.2148	0.672	0.501	2457141.2153	0.673	0.552	2457141.2157	0.674	0.548
2457141.2162	0.676	0.480	2457141.2168	0.677	0.545	2457141.2172	0.678	0.561
2457141.2176	0.680	0.493	2457141.2182	0.681	0.533	2457141.2186	0.683	0.544
2457141.2191	0.684	0.479	2457141.2196	0.686	0.523	2457141.2200	0.687	0.553
2457141.2205	0.688	0.465	2457141.2211	0.690	0.524	2457141.2215	0.691	0.550
2457141.2220	0.692	0.469	2457141.2226	0.694	0.525	2457141.2231	0.695	0.539
2457141.2235	0.697	0.461	2457141.2241	0.698	0.522	2457141.2245	0.699	0.534
2457141.2249	0.701	0.454	2457141.2255	0.702	0.530	2457141.2259	0.704	0.536
2457141.2264	0.705	0.469	2457141.2270	0.706	0.512	2457141.2273	0.708	0.537
2457141.2278	0.709	0.464	2457141.2284	0.711	0.506	2457141.2288	0.712	0.532
2457141.2292	0.713	0.448	2457141.2298	0.715	0.509	2457141.2302	0.716	0.534
2457141.2307	0.717	0.446	2457141.2313	0.719	0.508	2457141.2316	0.720	0.533
2457141.2321	0.721	0.441	2457141.2327	0.723	0.498	2457141.2331	0.724	0.516
2457141.2335	0.725	0.440	2457141.2341	0.727	0.500	2457141.2345	0.728	0.523
2457141.2350	0.729	0.453	2457141.2355	0.731	0.500	2457141.2359	0.732	0.522
2457141.2364	0.734	0.434	2457141.2370	0.735	0.496	2457141.2374	0.736	0.517
2457141.2379	0.738	0.437	2457141.2384	0.739	0.497	2457141.2388	0.740	0.515
2457141.2393	0.742	0.446	2457141.2399	0.743	0.507	2457141.2402	0.745	0.514
2457141.2407	0.746	0.449	2457141.2413	0.747	0.497	2457141.2417	0.749	0.508
2457141.2421	0.750	0.438	2457141.2427	0.752	0.509	2457141.2431	0.753	0.517
2457141.2436	0.754	0.443	2457141.2441	0.756	0.506	2457141.2445	0.757	0.528
2457141.2450	0.758	0.451	2457141.2456	0.760	0.507	2457141.2460	0.761	0.511
2457141.2464	0.762	0.437	2457141.2470	0.764	0.508	2457141.2474	0.765	0.522
2457141.2479	0.766	0.445	2457141.2484	0.768	0.498	2457141.2488	0.769	0.523
2457141.2493	0.770	0.456	2457141.2499	0.772	0.511	2457141.2503	0.773	0.528
2457141.2507	0.775	0.452	2457141.2513	0.776	0.513	2457141.2517	0.777	0.534
2457141.2522	0.779	0.459	2457141.2527	0.780	0.510	2457141.2531	0.781	0.528
2457141.2536	0.783	0.451	2457141.2542	0.784	0.515	2457141.2546	0.786	0.538
2457141.2550	0.787	0.460	2457141.2556	0.789	0.521	2457141.2560	0.790	0.534
2457141.2565	0.791	0.469	2457141.2571	0.793	0.516	2457141.2574	0.794	0.545
2457141.2579	0.795	0.469	2457141.2585	0.797	0.522	2457141.2589	0.798	0.547
2457141.2593	0.799	0.467	2457141.2599	0.801	0.524	2457141.2603	0.802	0.548
2457141.2608	0.803	0.484	2457141.2613	0.805	0.533	2457141.2617	0.806	0.554
2457141.2622	0.807	0.474	2457141.2628	0.809	0.540	2457141.2632	0.810	0.562
2457141.2637	0.812	0.500	2457141.2642	0.813	0.539	2457141.2646	0.814	0.566
2457141.2651	0.816	0.500	2457141.2656	0.817	0.550	2457141.2660	0.818	0.566
2457141.2665	0.820	0.506	2457141.2671	0.821	0.564	2457141.2675	0.822	0.576
2457141.2679	0.824	0.501	2457141.2685	0.825	0.550	2457141.2689	0.827	0.573
2457141.2694	0.828	0.506	2457141.2699	0.830	0.566	2457141.2703	0.831	0.575
2457141.2708	0.832	0.524	2457141.2714	0.834	0.568	2457141.2718	0.835	0.596
2457141.2722	0.836	0.529	2457141.2728	0.838	0.570	2457141.2732	0.839	0.593
2457141.2737	0.840	0.533	2457141.2742	0.842	0.575	2457141.2746	0.843	0.606
2457141.2751	0.844	0.528	2457141.2757	0.846	0.595	2457141.2761	0.847	0.610
2457141.2766	0.848	0.549	2457141.2771	0.850	0.601	2457141.2775	0.851	0.636
2457141.2780	0.853	0.553	2457141.2785	0.854	0.603	2457141.2790	0.855	0.622
2457141.2794	0.857	0.559	2457141.2800	0.858	0.607	2457141.2804	0.859	0.639
2457141.2808	0.861	0.562	2457141.2814	0.862	0.616	2457141.2818	0.864	0.632
2457141.2823	0.865	0.567	2457141.2829	0.866	0.614	2457141.2832	0.868	0.649
2457141.2837	0.869	0.580	2457141.2843	0.871	0.635	2457141.2847	0.872	0.656
2457141.2851	0.873	0.588	2457141.2857	0.875	0.636	2457141.2861	0.876	0.670
2457141.2866	0.877	0.596	2457141.2872	0.879	0.639	2457141.2876	0.880	0.662
2457141.2880	0.881	0.596	2457141.2886	0.883	0.658	2457141.2890	0.884	0.678
2457141.2894	0.885	0.608	2457141.2900	0.887	0.666	2457141.2904	0.888	0.685
2457141.2909	0.889	0.613	2457141.2914	0.891	0.672	2457141.2919	0.892	0.711
2457141.2923	0.894	0.636	2457141.2929	0.895	0.691	2457141.2933	0.896	0.725
2457141.2938	0.898	0.648	2457141.2943	0.899	0.691	2457141.2947	0.900	0.720
2457141.2952	0.902	0.663	2457141.2958	0.903	0.700	2457141.2961	0.905	0.732
2457141.2966	0.906	0.676	2457141.2972	0.908	0.720	2457141.2976	0.909	0.749
2457141.2980	0.910	0.686	2457141.2986	0.912	0.739	2457141.2990	0.913	0.762
2457141.2995	0.914	0.684	2457141.3001	0.916	0.751	2457141.3004	0.917	0.779
2457141.3009	0.918	0.712	2457141.3015	0.920	0.766	2457141.3019	0.921	0.801
2457141.3024	0.922	0.725	2457141.3029	0.924	0.779	2457141.3033	0.925	0.810
2457141.3038	0.926	0.736	2457141.3044	0.928	0.807	2457141.3048	0.929	0.816
2457141.3052	0.931	0.752	2457141.3058	0.932	0.823	2457141.3062	0.933	0.819

Table S4. *BVR* bands photometric data of EG CVn.

B band			V band			R band		
HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$	HJD	Phase	$\Delta m$
2457141.3067	0.935	0.783	2457141.3072	0.936	0.824	2457141.3076	0.937	0.853
2457141.3081	0.939	0.809	2457141.3087	0.940	0.841	2457141.3091	0.942	0.884
2457141.3095	0.943	0.813	2457141.3101	0.945	0.867	2457141.3105	0.946	0.879
2457141.3110	0.947	0.835	2457141.3115	0.949	0.872	2457141.3119	0.950	0.918
2457141.3124	0.951	0.853	2457141.3130	0.953	0.902	2457141.3134	0.954	0.938
2457141.3138	0.955	0.869	2457141.3144	0.957	0.906	2457141.3148	0.958	0.928
2457141.3153	0.959	0.878	2457141.3158	0.961	0.911	2457141.3162	0.962	0.944
2457141.3167	0.963	0.898	2457141.3173	0.965	0.926	2457141.3177	0.966	0.965
2457141.3181	0.968	0.894	2457141.3187	0.969	0.957	2457141.3191	0.970	0.957
2457141.3196	0.972	0.906	2457141.3201	0.973	0.954	2457141.3205	0.974	0.985
2457141.3210	0.976	0.921	2457141.3216	0.977	0.972	2457141.3220	0.978	0.989
2457141.3224	0.980	0.934	2457141.3230	0.981	0.977	2457141.3234	0.983	0.994
2457141.3239	0.984	0.926	2457141.3244	0.986	0.979	2457141.3248	0.987	0.988
2457141.3253	0.988	0.933	2457141.3259	0.990	0.977	2457141.3263	0.991	1.013
2457141.3267	0.992	0.935	2457141.3273	0.994	0.991	2457141.3277	0.995	1.006
2457141.3282	0.996	0.944	2457141.3287	0.998	0.984	2457141.3291	0.999	1.011
2457141.3296	0.000	0.945	2457141.3302	0.002	0.985	2457141.3306	0.003	1.018
2457141.3310	0.004	0.940	2457141.3316	0.006	0.982	2457141.3334	0.011	1.010
2457141.3325	0.009	0.930	2457141.3330	0.010	0.976	2457141.3349	0.015	1.010
2457141.3339	0.013	0.933	2457141.3345	0.014	0.987	2457141.3363	0.020	0.998
2457141.3382	0.025	0.915	2457141.3359	0.018	0.970	2457141.3377	0.024	0.983
2457141.3396	0.029	0.905	2457141.3374	0.023	0.972	2457141.3392	0.028	0.984
2457141.3425	0.037	0.901	2457141.3388	0.027	0.964	2457141.3406	0.032	0.968
2457141.3454	0.046	0.871	2457141.3402	0.031	0.948	2457141.3421	0.036	0.957
2457141.3482	0.054	0.863	2457141.3416	0.035	0.950	2457141.3435	0.040	0.940
2457142.0189	0.974	0.919	2457141.3431	0.039	0.906	2457141.3449	0.044	0.913
2457142.0232	0.986	0.943	2457141.3445	0.043	0.897	2457141.3463	0.048	0.901
2457142.0246	0.990	0.926	2457141.3459	0.047	0.884	2457141.3492	0.056	0.875
2457142.0264	0.995	0.945	2457141.3474	0.051	0.864	2457141.3506	0.061	0.884
2457142.0310	0.009	0.938	2457141.3488	0.055	0.834	2457141.3535	0.069	0.803
2457142.0378	0.028	0.906	2457141.3503	0.059	0.834	2457141.3550	0.073	0.824
2457142.0423	0.041	0.878	2457141.3517	0.064	0.794	2457142.0392	0.032	0.970
2457142.0468	0.054	0.821	2457141.3531	0.068	0.778	2457142.0415	0.039	0.917
2457142.0490	0.060	0.801	2457142.0431	0.043	0.913	2457142.0437	0.045	0.929
2457142.0512	0.066	0.769	2457142.0453	0.049	0.890	2457142.0460	0.051	0.916
2457142.0535	0.073	0.762	2457142.0476	0.056	0.852	2457142.0482	0.058	0.872
2457142.0557	0.079	0.725	2457142.0498	0.062	0.814	2457142.0505	0.064	0.854
2457142.0580	0.086	0.685	2457142.0521	0.069	0.807	2457142.0527	0.071	0.818
2457142.0602	0.092	0.680	2457142.0543	0.075	0.795	2457142.0549	0.077	0.793
2457142.0625	0.099	0.653	2457142.0565	0.082	0.769	2457142.0572	0.083	0.775
2457142.0647	0.105	0.625	2457142.0588	0.088	0.749	2457142.0594	0.090	0.756
2457142.0669	0.111	0.632	2457142.0610	0.094	0.711	2457142.0617	0.096	0.722
2457142.0692	0.118	0.588	2457142.0633	0.101	0.699	2457142.0639	0.103	0.722
2457142.0714	0.124	0.579	2457142.0655	0.107	0.683	2457142.0662	0.109	0.691
2457142.0737	0.131	0.594	2457142.0677	0.114	0.658	2457142.0684	0.116	0.686
2457142.0759	0.137	0.573	2457142.0700	0.120	0.659	2457142.0707	0.122	0.652
2457142.0782	0.144	0.549	2457142.0722	0.127	0.646	2457142.0729	0.128	0.658
2457142.0804	0.150	0.532	2457142.0745	0.133	0.621	2457142.0751	0.135	0.629
2457142.0827	0.156	0.537	2457142.0767	0.139	0.614	2457142.0774	0.141	0.633
2457142.0849	0.163	0.535	2457142.0790	0.146	0.603	2457142.0796	0.148	0.608
2457142.0872	0.169	0.533	2457142.0812	0.152	0.593	2457142.0819	0.154	0.606
2457142.0894	0.176	0.508	2457142.0835	0.159	0.575	2457142.0841	0.161	0.609
2457142.0916	0.182	0.491	2457142.0857	0.165	0.582	2457142.0864	0.167	0.590
2457142.0939	0.188	0.503	2457142.0880	0.172	0.557	2457142.0886	0.173	0.585
2457142.0961	0.195	0.481	2457142.0902	0.178	0.544	2457142.0908	0.180	0.575
2457142.0984	0.201	0.488	2457142.0924	0.184	0.554	2457142.0931	0.186	0.573
2457142.1006	0.208	0.464	2457142.0947	0.191	0.545	2457142.0953	0.193	0.564
2457142.1028	0.214	0.468	2457142.0969	0.197	0.529	2457142.0976	0.199	0.557
2457142.1051	0.221	0.475	2457142.0992	0.204	0.529	2457142.0998	0.206	0.544
			2457142.1014	0.210	0.516	2457142.1021	0.212	0.537
			2457142.1036	0.216	0.509	2457142.1043	0.218	0.542
			2457142.1059	0.223	0.517	2457142.1066	0.225	0.529