

Table A1. *UBVRI* magnitudes of the local sequence of stars used for the calibration.

Star	α_{2000}	δ_{2000}	U (mag)	B (mag)	V (mag)	R (mag)	I (mag)
1	04:17:07.209	-62:46:13.44		19.367 (0.078)	17.850 (0.038)	16.830 (0.031)	15.690 (0.024)
2	04:17:05.345	-62:45:39.15		16.663 (0.038)	15.754 (0.030)	15.212 (0.022)	14.757 (0.011)
3	04:17:28.126	-62:45:47.45		18.610 (0.042)	17.569 (0.027)	16.997 (0.044)	16.526 (0.023)
4	04:17:38.715	-62:45:32.07		18.608 (0.040)	17.116 (0.044)	16.203 (0.045)	15.359 (0.016)
5	04:17:04.664	-62:45:52.59		17.047 (0.042)	16.437 (0.027)	16.094 (0.018)	15.733 (0.011)
6	04:18:02.142	-62:45:30.44		17.632 (0.034)	16.641 (0.038)	16.066 (0.024)	15.542 (0.014)
7	04:18:01.888	-62:45:58.22		15.674 (0.017)	14.989 (0.026)	14.601 (0.024)	14.234 (0.018)
8	04:18:06.207	-62:45:57.24		18.252 (0.049)	17.759 (0.033)	17.489 (0.042)	17.151 (0.050)
9	04:18:02.508	-62:47:20.28		17.508 (0.032)	16.218 (0.028)	15.412 (0.034)	14.758 (0.010)
10	04:18:11.929	-62:48:49.89		16.690 (0.025)	15.569 (0.034)	14.831 (0.033)	14.258 (0.022)
11	04:18:06.386	-62:49:30.78		19.033 (0.056)	18.045 (0.029)	17.354 (0.029)	16.811 (0.027)
12	04:17:51.943	-62:50:34.43		13.703 (0.017)	13.038 (0.019)	12.671 (0.025)	12.332 (0.014)
13	04:17:40.451	-62:50:46.79		13.818 (0.020)	13.300 (0.018)	12.996 (0.014)	12.705 (0.012)
14	04:17:29.532	-62:50:08.59		15.561 (0.014)	14.948 (0.018)	14.590 (0.022)	14.249 (0.016)
15	04:17:32.022	-62:49:05.93		18.418 (0.037)	17.592 (0.022)	17.100 (0.026)	16.679 (0.023)
16	04:17:06.264	-62:48:48.01		16.909 (0.013)	16.161 (0.033)	15.692 (0.020)	15.266 (0.014)
17	04:17:07.593	-62:47:35.37		18.212 (0.028)	17.386 (0.037)	16.891 (0.035)	16.434 (0.018)
18	04:17:05.610	-62:47:15.30		18.809 (0.023)	18.216 (0.060)	17.819 (0.020)	17.471 (0.037)
19	04:17:53.330	-62:46:48.26	16.524 (0.101)	15.666 (0.015)	14.713 (0.008)	14.462 (0.238)	13.753 (0.026)
20	04:17:44.525	-62:45:42.38	19.372 (0.192)	19.199 (0.085)	18.466 (0.054)	18.127 (0.019)	17.655 (0.040)
21	04:17:46.119	-62:47:44.06	20.591 (0.459)	19.173 (0.012)	18.105 (0.016)	17.502 (0.018)	16.860 (0.020)
22	04:17:40.856	-62:48:20.15	20.120 (0.047)	19.709 (0.050)	18.977 (0.054)	18.579 (0.052)	18.087 (0.081)