# PACS Pointing Calibration Sources

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## Document Change Record

| Issue | Date | Change |
|---|---|---|
| Draft 0.1 | 3rd April 2008 | initial draft |
| Issue 1.0 | 4th April 2008 | included blazars, minor corrections |
| Issue 1.1 | 2nd May 2008 | included extragalactic sources, added satellite scanning, minor corrections |
| Issue 1.2 | 5th May 2008 | small corrections in source lists |
| Issue 1.3 | 28th May 2009 | moved Sect. 4 to PACS-ME-TN-035 |
| Issue 1.4 | 27th July 2009 | corrected misidentified HIP 82526 to HIP 82516, update of visibilities |
| Issue 1.5 | 26 February 2010 | removed HIP 87816 from list, added coordinate infromation from the 2MASS PSC to the pointing stars list |

## Contents



## Reference Documents

RD-1 PACS-MA-GS-001 PACS Calibration Document, Draft 10 (PCD)
RD-2 PICC-KL-TN-029 A search for stellar pointing sources, Draft 2, M. Groenewegen
RD-3 PICC-ME-TN-024 Use of Blazars for PACS spatial calibration, Issue 1.1, D. Lutz
RD-4 PICC-MA-TN-004 QSOs, RGs and ULIRGs for PACS pointing calibration, Draft 0.3, H. Dannerbauer

# 1 Scope and Assumptions

This document summarises various approaches to obtain a list of sources suitable to calibrate the pointing performance of the PACS instrument. However, it must be considered more than a simple compilation of the previous efforts, but it tries to merge them in a uniform way by applying common and solid source selection criteria. The goal is to improve the likelihood of the final calibration sources to be suitable as pointing standards. According to requirements 3.1.1 in RD-1 (PCD), we aim for a flux density of at least 150 mJy in the blue photometer band with some reserve to account for initial data reduction problems to achieve a $S/N \approx 9$ using the small source AOR. Regarding the spectrometer, requirement 4.1.1 in RD-1 calls for sources of at least 20 Jy for the small raster AOR and at least 10 Jy for on-array chopping and nodding observations to achieve $S/N \approx 10$ in the blue spectrometer band.

All those object searches rely on information from various FIR databases like the *IRAS Point-Source Catalogue (PSC)* (Helou & Walker 1988) and *ISO* as well as *Spitzer* observations. They have been cross-referenced with optical databases in order to improve positions and proper motions. Further details are mentioned in the individual sections.

# 2 Stars

## 2.1 Selection criteria

Stars with strong FIR flux densities serve as excellent pointing sources, because they are typically very compact and highly accurate positions and proper motion measurements exist for most of them. We obtained these data from the *Positions and Proper Motions (PPM)* (Roeser & Bastian 1988), *HIPPARCOS*, *TYCHO* (Perryman & ESA 1997) and *TYCHO 2* (Høg et al. 2000) catalogues. In order to optimise their use, we applied colour criteria ensuring purely stellar photospheric emission without contributions from circumstellar material based on *IRAS* colours according to Eqs. (1). To account for photometric uncertainties of the *IRAS PSC* flux densities, we allow colours scattering with ±20% around the nominal values.

$$\begin{aligned} 2.781 &\leq \frac{F(12\,\mu\mathrm{m})}{F(25\,\mu\mathrm{m})} \leq 6.258 \\ 3.954 &\leq \frac{F(25\,\mu\mathrm{m})}{F(60\,\mu\mathrm{m})} \leq 8.897 \end{aligned} \tag{1}$$

A more relaxed criterion given by Eq. (2) was also explored by adding a scattering of ±20% of the nominal value of 5 used in RD-2. This allows for some FIR excess emission leading to the inclusion of AGB stars that are usually very bright at FIR wavelengths. It is expected that the faint emission from surrounding shells does not considerably interfere with the pointing measurements. These FIR excess objects have been flagged in the final source list.

$$\frac{F(25\,\mu\mathrm{m})}{F(60\,\mu\mathrm{m})} \geq 3.954 \tag{2}$$

Of course, such criteria are only meaningful for single stars. Otherwise, a mixture of photospheric temperatures would create non-stellar FIR colours. Another reason to avoid multiple stars is preventing possible confusion with neighbouring sources, although the likelihood for them being as FIR bright as the actual pointing star is small. We queried the *Washington Visual Double Star Catalogue* (*WDS*, Worley & Douglass 1997) as well as the *Tycho Double Star Catalogue* (*TDSC*, Fabricius et al.

2002) for multiplicity. Stars identified as being multiple are indicated with a flag in the final source list.

Confusion noise is an important issue at FIR wavelengths that can potentially reduce the detectability of compact sources. Following the criterion in RD-2, we decided to aim for a limit of 20 MJy/sr at 100 µm – corresponding to the *IRAS* CIRR3 confusion flag – for the potential pointing stars. However, such a constraint may be too strict for very bright sources, as they outshine the background cirrus. The background estimate based on the CIRR3 flag also includes the contribution from the zodiacal light that does not increase the confusion noise. Therefore, we decided to include also stars with a ratio of $F(60\,\mu\mathrm{m})/\mathrm{CIRR3} \geq 100$ after converting the CIRR3 units from MJy/sr to mJy/beam. Stars violating the initial background criterion but considered bright enough to be detected anyway have been flagged in the final source list.

In order to quantify the influence of the background noise on the centroid measurement of pointing sources, we simulated Gaussian fits on the PACS photometer PSF affected by a background noise with an rms of 1% and 5% of the PSF peak flux as shown in Fig. 1. After 100 iterations with random noise patterns, the size of the PSF could be recovered with an uncertainty of better than 1% for the 1% rms noise and about 10% for the 5% rms noise. The scatter of the measured PSF location was in range of 0.″03 and 0.″15 around the nominal position for the two noise simulations, respectively. However, the Gaussian fitting did not converge for a few cases using the 5% rms noise. Therefore, we conclude that it is safe to assume a S/N ratio of better than 100 to execute meaningful pointing measurements. A S/N of 20 still yields an uncertainty of the pointing assessment that is well within the requirements. Such an estimate is also useful to evaluate the role of possible circumstellar emission e. g. from AGB stars. It seems that a weak and largely symmetric additional contribution does not significantly affect the pointing accuracy.

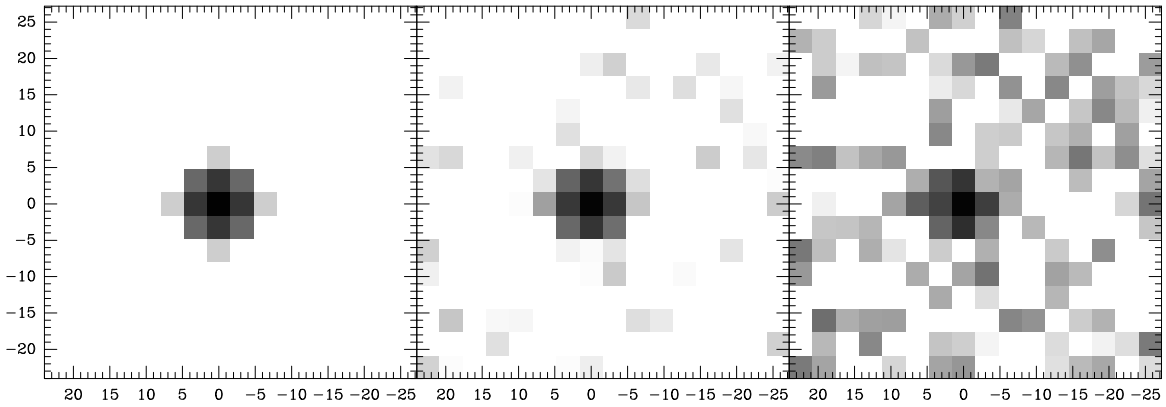


Figure 1: Analysis of random background noise affecting the recovery of the size and position of the PSF at 70 µm. Left: Clean PSF, middle: PSF + background noise with an rms of 1% of the peak, right: PSF + background noise with an rms of 5% of the peak. The spatial scale is given in arcseconds; the images are presented in a logarithmic grey-scale.

Except for the stars measured with *MIPS* at 70 µm (see Sect. 2.3), the expected point-source flux density at this wavelength was derived from colour corrected *IRAS PSC* photometries at 12, 25, and 60 µm. The 100 µm photometry was not used because of its limiting flux density of 1 Jy and the underlying large telescope beam. It was calculated according to:

$$F(70\,\mu\mathrm{m}) = \frac{1}{3}\left(\frac{F(12\,\mu\mathrm{m})}{1.42}\left(\frac{12}{70}\right)^2 + \frac{F(25\,\mu\mathrm{m})}{1.40}\left(\frac{25}{70}\right)^2 + \frac{F(60\,\mu\mathrm{m})}{1.31}\left(\frac{60}{70}\right)^2\right) \quad (3)$$

Another concern is the correct assignment of stars to the *IRAS* sources of the *Point Source Catalogue*. Except for the *MIPS* 70 µm sources and a few bright pointing stars, where the identity was confirmed via *MIPS/Spitzer*, *ISSA/IRAS* or *HIRES/IRAS* images, we checked, whether the coordinates of the stars are included inside the *IRAS* positional error ellipse. Those stars outside this margin were rejected from the final pointing list. In detail, the offset coordinates were transformed into the reference frame of the error ellipse by applying the rotation matrix as shown in Eq. (4) and visualised in Fig. 2. Stars having offsets $x$, $y$ complying with Eq. (5) are considered to be associated with the *IRAS* source.

$$\begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} \Delta\alpha \\ \Delta\delta \end{pmatrix} \begin{pmatrix} \cos(-\phi) & -\sin(-\phi) \\ \sin(-\phi) & \cos(-\phi) \end{pmatrix} \tag{4}$$

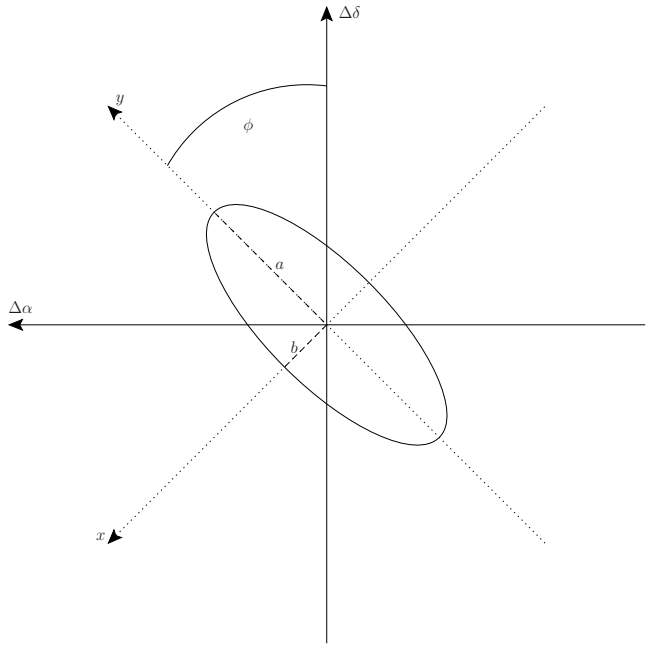


Figure 2: Visualisation showing the conversion from the equatorial coordinate system into the frame of the error ellipse. The offsets between the stellar and *IRAS* coordinates in right ascension $\Delta\alpha$ and declination $\Delta\delta$ are transformed into a reference frame rotated by the position angle $\phi$, where the $x$ and $y$ axes are parallel to the semi-minor $b$ and semi-major $a$ axes of the error ellipse, respectively.

$$\frac{x^2}{b^2} + \frac{y^2}{a^2} \leq 1 \tag{5}$$

### 2.2 Stars as compact FIR sources with F(60 µm) > 1.6 Jy from RD-2

The results of a search for pointing star candidates based on the *IRAS Point Source Catalogue* are presented in RD-2 (Table 5). After applying a few selection criteria as described in this document, the list contains 289 sources. They comprise stellar sources, many of them being AGB stars. Only 97 of these stars appear to possess a purely photospheric black-body emission as evaluated from the *IRAS PSC* photometry. The remaining 192 sources might have surrounding shells that are responsible the FIR excess emission. Therefore, their PSF might be slightly extended. All the 289 objects have been included in the final list provided in Tab. 5.

### 2.3 *Spitzer/MIPS* 70 μm calibration sources

An absolute flux calibration study of the *MIPS* (Multiband Imaging Photometer for Spitzer) instrument at $\lambda = 70\,\mu$m was published by Gordon et al. (2007). It contains the photometry of 90 stars selected from the *Henry Draper Catalogue* (*HD*, Cannon & Pickering 1949). In Tab. 1, we present a list of 29 stars after removing weak and multiple sources. Spectral types, coordinates and proper motions have been obtained from *HIPPARCOS*, *TYCHO* and *TYCHO 2* catalogues. All of them are contained in the final pointing source list. We produced plots providing visibilities and solar aspect angles for the period of the first 120 days after the launch date of the Herschel Space Observatory. They help scheduling pointing calibration observations with the suitable targets. At this point, they are given as an example, but can be produced for all the pointing calibration sources appropriate for a given observing period.

Table 1: *MIPS* 70 μm stars obtained from Gordon et al. (2007). Only sufficiently bright stars known to be single have been selected as entries for this list.

| HD | Name | Spectral type | Coordinates (J2000.0) Epoch 2000.0 R.A. | Dec. | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | MIPS $F(70\,\mu$m) [mJy] |
|---|---|---|---|---|---|---|---|
| 2151 | $\beta$ Hyi | G2IV | 0:25:45.08 | -77:15:15.3 | 2221.9 | 322.6 | 250 |
| 2261 | $\alpha$ Phe | K0III... | 0:26:17.03 | -42:18:21.9 | 199.9 | -396.2 | 1122 |
| 4128 | $\beta$ Cet | K0III | 0:43:35.24 | -17:59:12.0 | 232.8 | 32.7 | 1110 |
| 9053 | $\gamma$ Phe | K5II-III | 1:28:21.93 | -43:19:05.7 | -18.0 | -208.6 | 1436 |
| 9927 | $\upsilon$ Per | K3III | 1:37:59.56 | +48:37:41.6 | 60.9 | -112.4 | 463 |
| 12929 | $\alpha$ Ari | K2III | 2:07:10.30 | +23:27:45.9 | 190.7 | -145.8 | 1696 |
| 18884 | $\alpha$ Cet | M2III | 3:02:16.77 | +04:05:23.0 | -11.7 | -77.7 | 4392 |
| 24512 | $\gamma$ Hyi | M2III | 3:47:14.34 | -74:14:20.3 | 51.0 | 114.7 | 2304 |
| 31398 | $\iota$ Aur | K3IIvar | 4:56:59.62 | +33:09:57.9 | 2.8 | -18.6 | 1848 |
| 32887 | $\epsilon$ Lep | K4III | 5:05:27.67 | -22:22:15.7 | 21.5 | -72.8 | 1165 |
| 39425 | $\beta$ Col | K1.5III | 5:50:57.59 | -35:46:05.9 | 55.6 | 404.0 | 513 |
| 45348 | $\alpha$ Car | F0Ib | 6:23:57.11 | -52:41:44.4 | 20.0 | 23.7 | 2872 |
| 50310 | $\tau$ Pup | K0III... | 6:49:56.17 | -50:36:52.4 | 35.1 | -63.1 | 690 |
| 51799 | | M1III | 6:56:15.99 | -48:43:16.1 | 1.9 | 9.6 | 626 |
| 80007 | $\beta$ Car | A2IV | 9:13:11.98 | -69:43:01.9 | -157.7 | 108.9 | 211 |
| 82308 | $\lambda$ Leo | K5IIIvar | 9:31:43.23 | +22:58:04.7 | -20.4 | -38.1 | 519 |
| 82668 | N Vel | K5III | 9:31:13.32 | -57:02:03.8 | -33.1 | 5.8 | 1492 |
| 89758 | $\mu$ UMa | M0III SB | 10:22:19.74 | +41:29:58.3 | -80.4 | 34.3 | 2192 |
| 92305 | $\gamma$ Cha | M0III | 10:35:28.11 | -78:36:28.0 | -37.6 | 11.4 | 774 |
| 93813 | $\nu$ Hya | K0/K1III | 10:49:37.44 | -16:11:38.8 | 92.8 | 199.0 | 742 |
| 96833 | $\psi$ UMa | K1III | 11:09:39.81 | +44:29:54.5 | -62.4 | -27.4 | 602 |
| 100029 | $\lambda$ Dra | M0IIIvar | 11:31:24.22 | +69:19:51.9 | -41.5 | -18.6 | 1223 |
| 120933 | AW CVn | K5III | 13:51:47.48 | +34:26:39.3 | -20.8 | -32.2 | 1077 |
| 123123 | $\pi$ Hya | K2III | 14:06:22.30 | -26:40:56.5 | 43.0 | -140.9 | 449 |
| 141477 | $\kappa$ Ser | M1III | 15:48:44.38 | +18:08:29.6 | -52.5 | -88.0 | 1058 |
| 156283 | $\pi$ Her | K3IIvar | 17:15:02.83 | +36:48:33.0 | -28.5 | 3.2 | 972 |
| 169916 | $\lambda$ Sgr | K1IIIb | 18:27:58.24 | -25:25:18.1 | -45.4 | -186.8 | 512 |
| 198542 | $\omega$ Cap | K4III | 20:51:49.29 | -26:55:08.9 | -8.2 | -2.6 | 825 |
| 216131 | $\mu$ Peg | M2III | 22:50:00.19 | +24:36:05.7 | 146.2 | -44.2 | 361 |

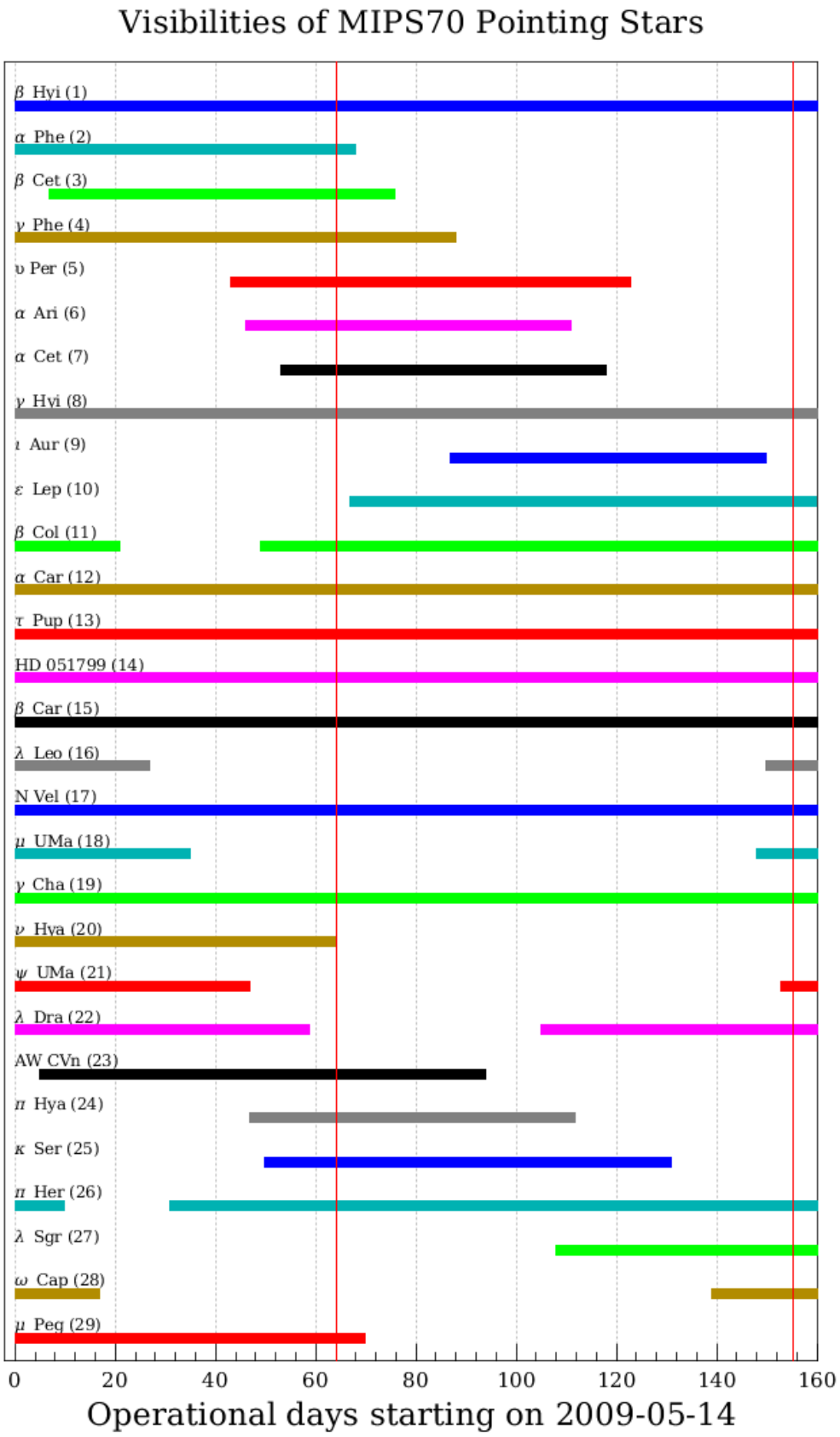


Figure 3: Visibility plot of single MIPS70 pointing stars with 70 µm flux densities above 160 mJy as listed in Tab. 1 during the first year after the launch of the Herschel Space Observatory.

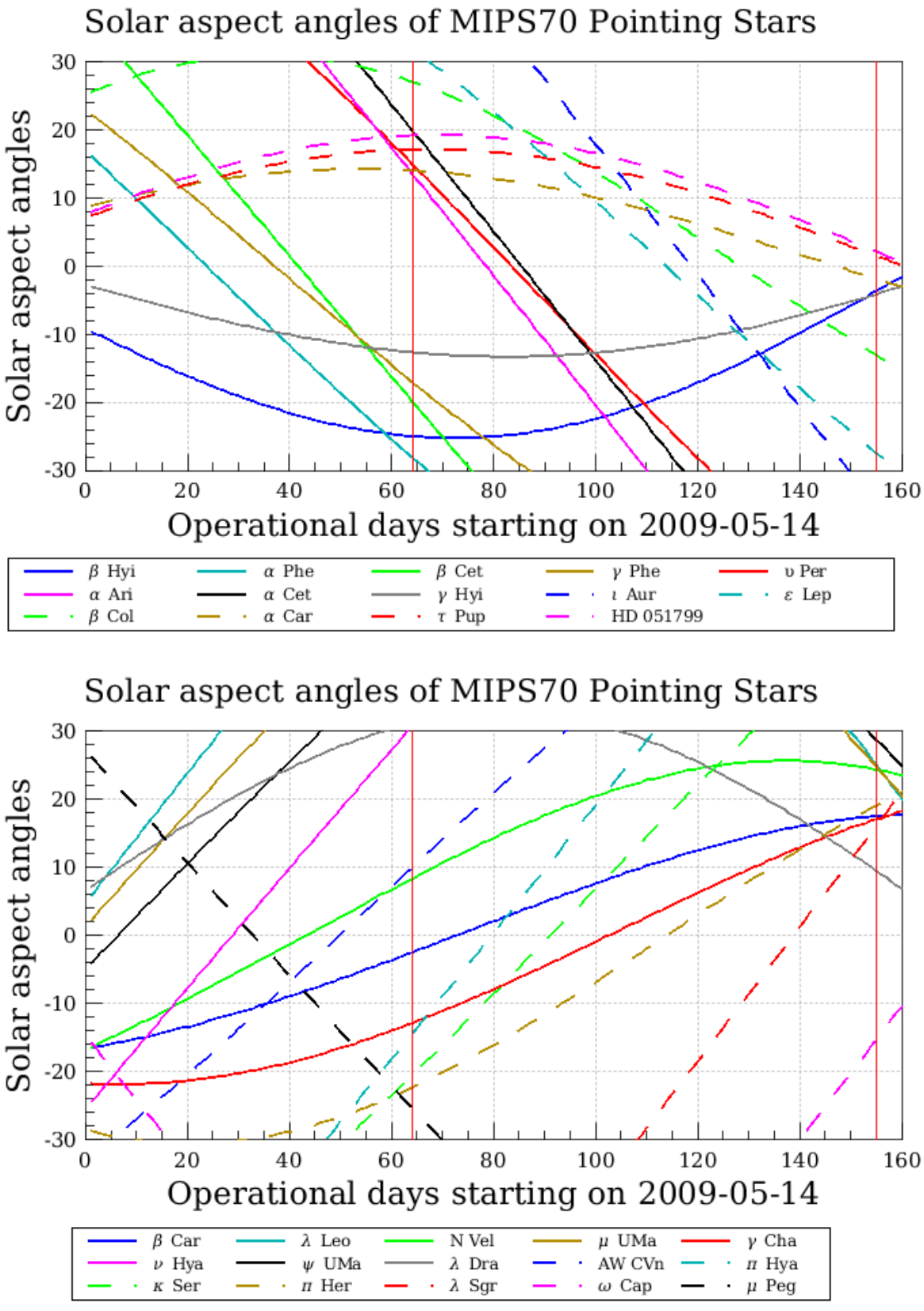


Figure 4: Distribution of attained solar aspect angles of single MIPS70 pointing stars with 70 μm flux densities above 160 mJy as listed in Tab. 1 during the first 120 days after the launch of the Herschel Space Observatory.

### 2.4 A complete list of IRAS selected stars with F(60 μm) > 160 mJy

Table 5 in Appendix B contains all stellar pointing sources, also including the previous lists from Tab. 5 in RD-2 and Tab. 1. It comprises 929 sources with flux densities distributed between 0.16 and 187 Jy. They are grouped in flux bins according to Tab. 2. We provide flags describing important source characteristics that help to select stars suitable for pointing calibration measurements. We distinguish:

- b: sources with high background fluxes, but probably still bright enough to be detected
- m: sources that are identified as multiple stars in the *WDS* and *TDSC* catalogues
- e: sources that violate the criterion for purely photospheric black-body emission

Table 2: Distribution of expected flux densities at 70 μm of the complete stellar pointing source list.

| $F(70\,\mu m)$ [Jy] | $\geq 10$ | ]10,5] | ]5,1] | ]1,0.5] | ]0.5,0.16] | Total |
|---|---|---|---|---|---|---|
| single and photospheric only | 7 | 8 | 89 | 123 | 253 | 480 |
| all sources | 59 | 56 | 301 | 187 | 326 | 929 |

Figure 5 displays the coverage of the pointing stars across the sky in an ecliptic coordinate frame. Their distribution is fairly even allowing for a good selection of also bright objects for almost all observing epochs.

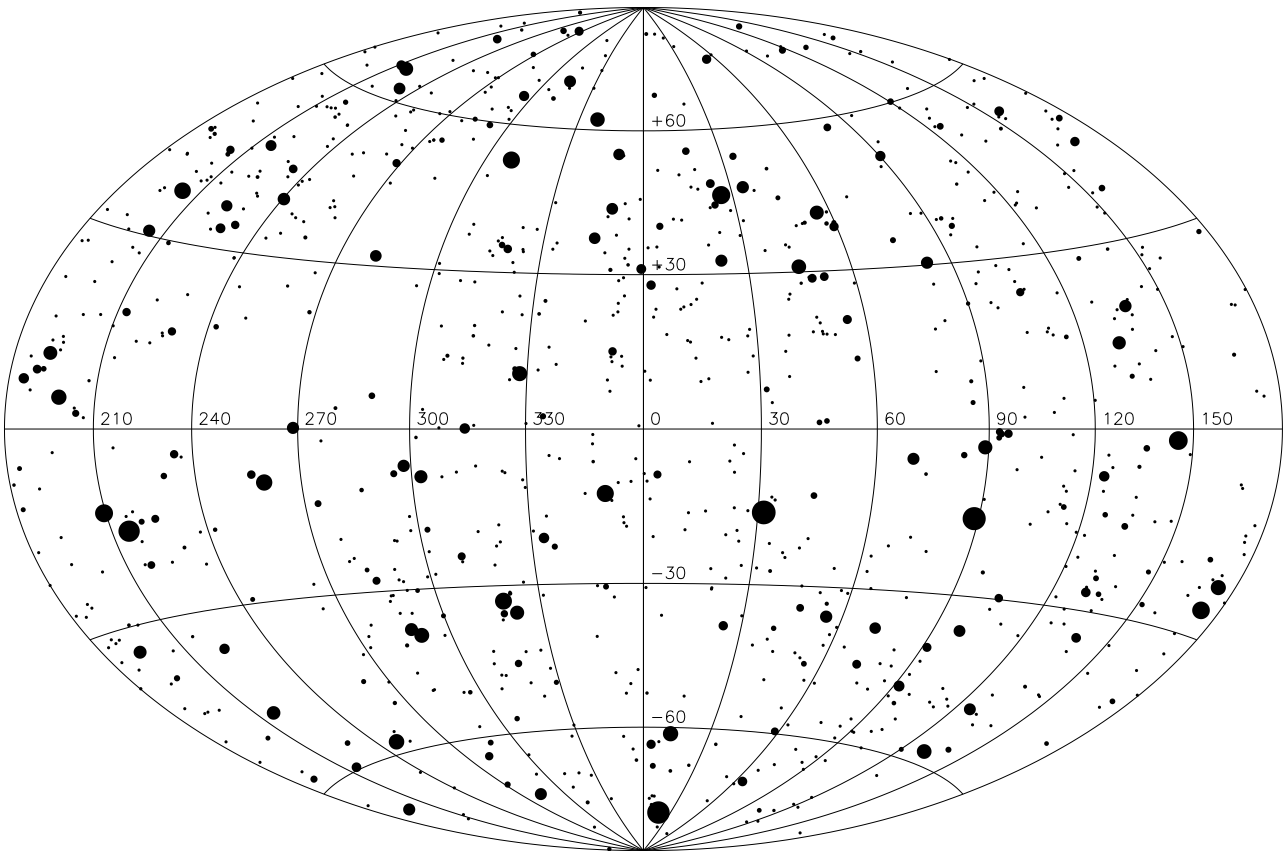


Figure 5: Distribution of the pointing stars across the sky. The coordinates are in ecliptic longitude and latitude. The size of the dots represents the FIR brightness at 70 μm as given in the source list.

An overview of the *IRAS* colours of the pointing stars separated into the two groups of Tab. 2 is shown in Fig. 6. While the single stars with photospheric IR emission (black dots) cover a fairly confined and concentrated parameter space, the complementary objects in the full list are distributed over a larger range of colours. They represent the stars classified as multiple or excess objects.

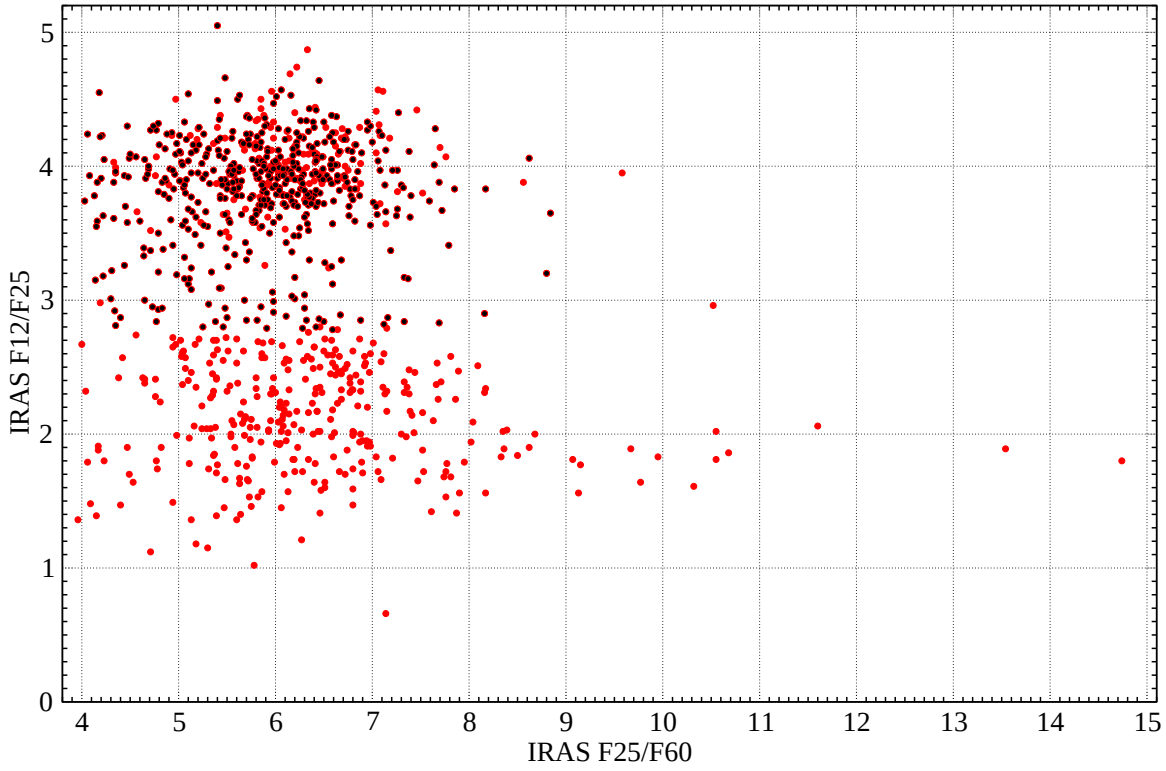


Figure 6: Distribution of *IRAS* colours of all pointing stars (red dots) and the single stars with photospheric emission only (black dots).

## 3 Extragalactic pointing sources

Extragalactic sources may serve as pointing sources, as long as their intrinsically extended character is reduced to small apparent angular sizes because of their large distances. A variety of objects emitting thermal and non-thermal radiation can be used for this purpose. Non-thermal radiation is particularly interesting, as it typically possesses a flat spectrum producing comparable flux densities in different spectral filters.

### 3.1 Blazars as pointing sources from RD-3

Based on the analysis of *WMAP* (Bennett et al. 2003) and *IRAS* archival data, RD-3 presents a study of blazars with flux densities of $F(130\,\mu\text{m}) \geq 500\,\text{mJy}$ that are suitable as pointing calibrators. It should be reminded that these objects can be variable in flux. We adopted the list compiled in this document and performed visual checks on *ISSA/IRAS* images at 60 µm and – where available – on *MIPS/Spitzer* images at 70 µm. The main interest was to evaluate the brightness of the sources compared to the background flux and a possible influence of FIR cirrus on their detectability. This resulted in a categorisation of priorities from 1 (excellent) via 2 (good) to 3 (potentially problematic). We list the resulting blazar catalogue in Tab. 3 citing their names, coordinates, redshift, expected flux density at 130µm, priority, and remarks describing the appearance.

Table 3: Blazars as pointing sources from RD-3. They are grouped in the order of their priorities as explained by the remarks. For every entry we give the name, coordinates, redshift, and the expected flux density at 130 µm.

| Name | Coordinates (J2000.0) R.A. | Dec. | $z$ | expected $F(130\,\mu\text{m})$ [mJy] | Priority | Remarks |
|---|---|---|---|---|---|---|
| PKS 0420-01 | 04:23:15.801 | -01:20:33.06 | 0.09 | 500 | 1 | MIPS 70 µm point source |
| PKS 0521-36 | 05:22:57.985 | -36:27:30.85 | 0.06 | 750 | 1 | MIPS 70 µm point source |
| OJ 287 | 08:54:48.875 | +20:06:30.64 | 0.31 | 1000 | 1 | HIRES 60 µm point source IRAS 08538+2002 3.6 Jy 30′ away |
| 3C 273 | 12:29:06.700 | +02:03:08.60 | 0.16 | 1500 | 1 | MIPS 70 µm point source |
| 3C 279 | 12:56:11.167 | -05:47:21.52 | 0.54 | 1500 | 1 | MIPS 70 µm point source |
| BL Lac | 22:02:43.291 | +42:16:39.98 | 0.07 | 700 | 1 | MIPS 70 µm point source |
| 3C 454.3 | 22:53:57.748 | +16:08:53.56 | 0.86 | 500 | 1 | MIPS 70 µm point source |
| 3C 120 | 04:33:11.096 | +05:21:15.62 | 0.03 | 1500 | 2 | ISSA 60 µm point source, cirrus |
| PKS 0537-441 | 05:38:50.361 | -44:05:08.93 | 0.89 | 1000 | 2 | ISSA 60 µm weak source, confusion with neighbouring sources |
| 3C 345 | 16:42:58.810 | +39:48:36.99 | 0.59 | 1000 | 2 | ISSA 60 µm point source, embedded in cluster of sources + cirrus |
| 3C 446 | 22:25:47.259 | -04:57:01.39 | 1.40 | 800 | 2 | ISSA 60 µm weak source, cirrus |
| PKS 1144-379 | 11:47:01.371 | -38:12:11.02 | 1.05 | 600 | 3 | ISSA 60 µm weak source, strong confusion noise |
| PKS 1244-255 | 12:46:46.802 | -25:47:49.29 | 0.63 | 600 | 3 | ISSA 60 µm weak source, strong confusion noise |
| 1ES 1308+326 | 13:10:28.664 | +32:20:43.78 | 1.00 | 600 | 3 | ISSA 60 µm, not detected IRAS 13064+3225 1.3 Jy 20′ away |
| 1803+784 | 18:00:45.684 | +78:28:04.02 | 0.68 | 600 | 3 | ISSA 60 µm, weak source, cirrus, strong confusion noise |

### 3.2 QSOs, Radio Galaxies, and ULIRGs as pointing sources from RD-4

Based on *ISOPHOT* measurements, RD-4 provides a compilation of pointing source candidates of point-like quasi-stellar objects (QSOs), radio galaxies (RGs) and ultra-luminous infrared galaxies (ULIRGs) with flux densities of $F(60\,\mu\text{m}) \geq 160\,\text{mJy}$ Flux densities at larger wavelengths are also given. Respecting the positional accuracy of $< 0.3''$ (PCD req. 2.6.1), we extracted 17 sources being suitable for the pointing calibration. Tab. 4 provides the final list containing names, coordinates, redshifts, and expected flux densities.

Table 4: QSOs, RGs and ULIRGs that are suitable as pointing sources from RD-4. For every entry we give the name, coordinates, redshift, and the expected flux densities at 60 µm, 100 µm and 170 µm (90 µm and 180 µm for the ULIRGs).

| Name | Coordinates (J2000.0) R.A. | Dec. | $z$ | Flux density $F(60\,\mu\text{m})$ [mJy] | $F(100\,\mu\text{m})$ [mJy] | $F(170\,\mu\text{m})$ [mJy] |
|---|---|---|---|---|---|---|
| PG 0007+106 | 00:10:31.006 | +10:58:29.50 | 0.089 | 171 | 221 | < 228 |
| PG 0050+124 | 00:53:34.940 | +12:41:36.20 | 0.061 | 1752 | 2239 | 1529 |
| 3C 048 | 01:37:41.299 | +33:09:35.13 | 0.367 | 460 | 829 | 554 |
| 0234+28 (FR) | 02:37:52.406 | +28:48:08.99 | 1.213 | 160 | 162 | 260 |
| 3C 272.1 | 12:25:03.743 | +12:53:13.14 | 0.004 | 700 | 1000 | 703 |
| PG 1226+023 (3C 273)† | 12:29:06.700 | +02:03:08.60 | 0.158 | 1124 | 1292 | 1292 |
| 3C 274.0 | 12:30:49.423 | +12:23:28.04 | 0.004 | 610 | 954 | 322 |
| PG 1229+204 | 12:32:03.605 | +20:09:29.21 | 0.063 | 241 | 317 | < 288 |
| PG 1241+176 | 12:44:10.826 | +17:21:04.52 | 1.273 | 378 | 217 | < 96 |
| 3C 279 | 12:56:11.167 | +05:47:21.52 | 0.536 | 2200 | 2300 | 1500 |
| Mrk 231 | 12:56:14.234 | +56:52:25.24 | 0.042 | 31680 | 27340* | 9750* |
| PG 1302-102 | 13:05:33.015 | +10:33:19.43 | 0.278 | 343 | 343 | < 189 |
| Mrk 273 | 13:44:42.111 | +55:53:12.65 | 0.038 | 27450 | 23780* | 8690* |
| PG 1613+658 | 16:13:57.179 | +65:43:09.58 | 0.129 | 591 | 1002 | 730 |
| 3C 405 (Cyg A) | 19:59:28.357 | +40:44:02.10 | 0.056 | 3034 | 2155 | – |
| 3C 454.3† | 22:53:57.748 | +16:08:53.56 | 0.859 | 706 | 324 | – |
| 3C 459 | 23:16:35.232 | +04:05:18.06 | 0.220 | 1035 | – | 815 |

*ULIRG flux densities given at 90 µm and 180 µm

†also in the blazar list in Tab. 3

# Appendices

## A Celestial coverage

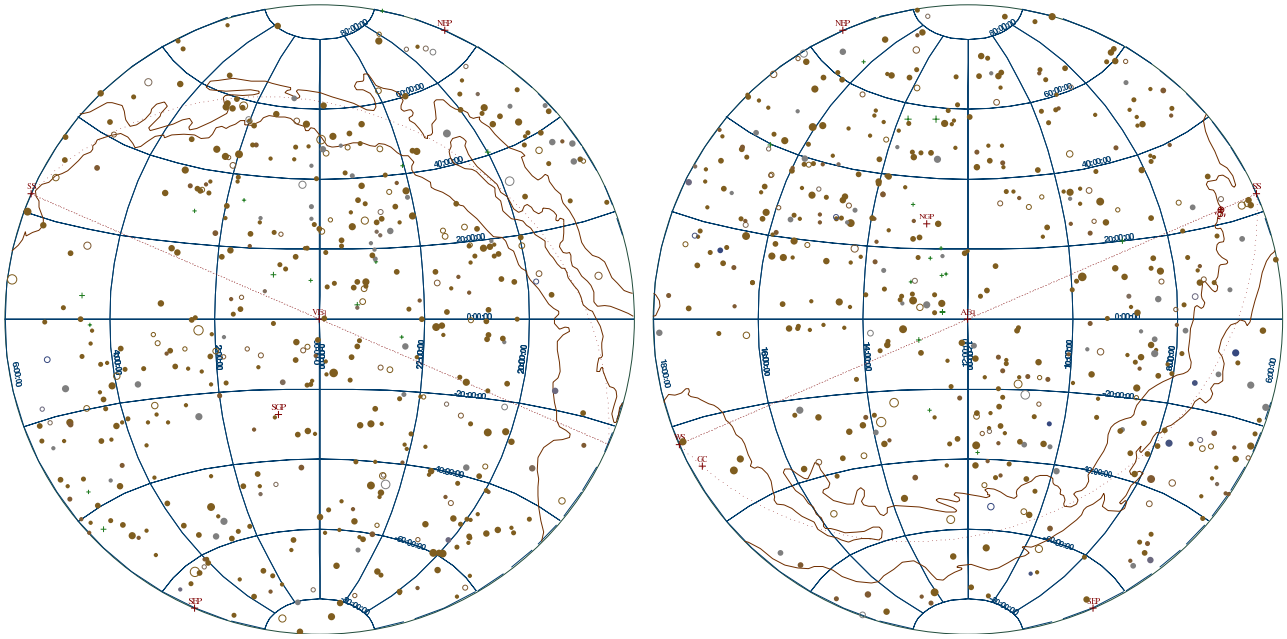

Figure 7: Celestial coverage of the 959 PACS pointing sources. The maps are given in equatorial coordinates showing a range of 12 hours in right ascension centred around 0 h (left) and 12 h (right). The open circles represent the multiple stars, crosses the extragalactic pointing calibrators. Both the galactic and ecliptic planes are indicated.

# B Final list of pointing stars

Here we summarise the complete list of pointing stars as explained in Sect. 2.4. Fig. 7 gives a representation of the celestial coverage in equatorial coordinates.

Table 5: Pointing stars obtained from a cross-check between *HIPPARCOS* and *IRAS PSC* catalogues. It contains all the sources of the pointing star lists provided by RD-2 and Gordon et al. (2007). The first column of the table contains a name from the *HIPPARCOS*, *Henry Draper*, *Positions and Proper Motion* catalogues, and the *Combined General Catalogue of Variable Stars (CGVS)* (Samus et al. 2004). We also provide the *IRAS PSC* and *2MASS PSC*designations, the spectral type, equatorial coordinates in the ICRS system as retrieved from SIMBAD and the 2MASS PSC, the offset between these coordinates, proper motions and an expected flux density at 70 µm. The flags indicate: b (high background), m (multiple), e (FIR excess). The sources are collected according to bins of their expected flux density at 70 µm with separations made at 10 Jy, 5 Jy, 1 Jy, and 0.5 Jy.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 1834 | 00205+5530 | 00231427+5547332 | M7e | 00:23:14.27 | +55:47:33.2 | 00:23:14.27 | +55:47:33.3 | 0.068 | 20.8 | -9.8 | 14982 | b | | e |
| HIP 1901 | 00213+3817 | 00240197+3834373 | Se... | 00:24:01.95 | +38:34:37.3 | 00:24:01.98 | +38:34:37.4 | 0.363 | -16.3 | -35.0 | 14414 | | m | e |
| HIP 9234 | 01556+4511 | 01584432+4526071 | M7III | 01:58:44.33 | +45:26:06.9 | 01:58:44.32 | +45:26:07.2 | 0.276 | 39.5 | 1.4 | 25124 | | | e |
| HIP 10826 | 02168-0312 | 02192081-0258393 | M7 | 02:19:20.79 | -02:58:39.5 | 02:19:20.81 | -02:58:39.3 | 0.367 | 10.3 | -239.5 | 187347 | | m | e |
| HIP 11093 | 02192+5821 | 02225173+5835112 | M4.5Iab: | 02:22:51.72 | +58:35:11.4 | 02:22:51.73 | +58:35:11.2 | 0.221 | 2.3 | -3.1 | 22005 | b | m | e |
| HIP 13502 | 02522-5005 | 02535274-4953225 | M7IIIe | 02:53:52.77 | -49:53:22.7 | 02:53:52.75 | -49:53:22.6 | 0.299 | 131.2 | 35.7 | 29178 | | | e |
| HIP 19004 | 04020-1551 | 04041880-1543303 | M5/M6IV | 04:04:18.80 | -15:43:30.5 | 04:04:18.80 | -15:43:30.3 | 0.178 | -3.4 | -13.8 | 14990 | | | e |
| HIP 19424 | 04140-8158 | 04093566-8151175 | M3 | 04:09:35.89 | -81:51:17.6 | 04:09:35.67 | -81:51:17.6 | 0.480 | 4.4 | 15.5 | 14137 | | m | e |
| HIP 21421 | 04330+1624 | 04355524+1630331 | K5III | 04:35:55.24 | +16:30:33.5 | 04:35:55.24 | +16:30:33.1 | 0.364 | 62.8 | -189.3 | 14201 | b | m | |
| HIP 21479 | 04361-6210 | 04364544-6204379 | M8IIIe | 04:36:45.59 | -62:04:37.8 | 04:36:45.45 | -62:04:37.9 | 1.042 | -68.5 | -71.2 | 140895 | | m | |
| HIP 23203 | 04573-1452 | 04593635-1448226 | CIIe... | 04:59:36.35 | -14:48:22.5 | 04:59:36.35 | -14:48:22.7 | 0.151 | 7.0 | -2.5 | 12642 | | | |
| HIP 24639 | 05132+5331 | 05171356+5334433 | G0 | 05:17:17.69 | +53:35:10.0 | 05:17:13.56 | +53:34:43.4 | 0.158 | 2.3 | -14.7 | 14694 | b | m | e |
| HIP 27989 | 05524+0723 | 05551028+0724255 | M2Iab: | 05:55:10.31 | +07:24:25.4 | 05:55:10.29 | +07:24:25.6 | 0.339 | 27.3 | 10.9 | 162961 | b | m | e |
| HIP 28041 | 05528+2010 | 05554916+2010306 | M8III | 05:55:49.17 | +20:10:30.7 | 05:55:49.16 | +20:10:30.7 | 0.117 | -13.6 | -6.2 | 22780 | b | | e |
| HIP 28874 | 06036-2411 | 06054554-2411438 | M5III | 06:05:45.55 | -24:11:44.1 | 06:05:45.54 | -24:11:43.8 | 0.276 | 9.1 | -21.7 | 11153 | | | e |
| HIP 30800 | 06259-1301 | 06281742-1303109 | Bpshe | 06:28:17.42 | -13:03:11.1 | 06:28:17.42 | -13:03:11.0 | 0.144 | 2.3 | 0.0 | 13487 | b | | e |
| HIP 37677 | 07418-2850 | 07434847-2857175 | A3Iab: | 07:43:48.47 | -28:57:17.4 | 07:43:48.48 | -28:57:17.5 | 0.158 | -4.6 | 3.9 | 13898 | b | | e |
| HIP 37819 | 07434-3750 | 07451529-3758068 | K2.5Ib-II | 07:45:15.30 | -37:58:06.9 | 07:45:15.29 | -37:58:06.9 | 0.047 | -10.8 | 6.0 | 25627 | b | | e |
| HIP 40534 | 08138+1152 | 08163381+1143343 | M7IIIe | 08:16:33.83 | +11:43:34.5 | 08:16:33.82 | +11:43:34.4 | 0.184 | 5.1 | -11.7 | 10069 | | | e |
| HIP 45058 | 09076+3110 | 09103880+3057472 | M6IIIase | 09:10:38.80 | +30:57:47.3 | 09:10:38.81 | +30:57:47.2 | 0.137 | -9.4 | -33.0 | 18643 | | | e |
| HIP 46806 | 09309-6234 | 09321459-6247198 | M6.5IIIpev | 09:32:14.60 | -62:47:19.9 | 09:32:14.60 | -62:47:19.9 | 0.061 | -36.2 | 19.7 | 14442 | b | m | |
| HIP 47886 | 09425+3444 | 09453429+3430427 | M7e | 09:45:34.28 | +34:30:42.8 | 09:45:34.30 | +34:30:42.8 | 0.158 | 3.7 | -7.0 | 15283 | | | e |
| HIP 48036 | 09448+1139 | 09473348+1125436 | M8IIIe | 09:47:33.49 | +11:25:43.6 | 09:47:33.49 | +11:25:43.7 | 0.023 | -0.6 | -42.7 | 61984 | b | | |
| HIP 53085 | 10491-2059 | 10513724-2115002 | C... | 10:51:37.25 | -21:15:00.3 | 10:51:37.24 | -21:15:00.3 | 0.184 | -14.2 | 2.7 | 48661 | | m | e |
| HIP 53809 | 10580-1803 | 11003384-1819296 | M7III... | 11:00:33.85 | -18:19:29.6 | 11:00:33.84 | -18:19:29.7 | 0.147 | -27.5 | -1.7 | 27962 | | m | e |
| HIP 57607 | 11461-3542 | 11483922-3559127 | M7III | 11:48:39.22 | -35:59:12.9 | 11:48:39.22 | -35:59:12.7 | 0.159 | -9.8 | -6.5 | 17445 | | | e |
| HIP 61084 | 12283-5650 | 12310993-5706474 | M3.5III | 12:31:09.96 | -57:06:47.6 | 12:31:09.94 | -57:06:47.5 | 0.197 | 27.9 | -264.3 | 20181 | b | m | |
| HIP 63642 | 13001+0527 | 13023797+0511083 | M8III | 13:02:37.98 | +05:11:08.4 | 13:02:37.97 | +05:11:08.3 | 0.140 | 37.6 | -18.0 | 21289 | | | e |
| HIP 64569 | 13114-0232 | 13140437-0248250 | M7III | 13:14:04.38 | -02:48:25.1 | 13:14:04.37 | -02:48:25.1 | 0.194 | -34.5 | -3.3 | 29360 | b | | e |
| HIP 65835 | 13269-2301 | 13294277-2316514 | M7IIIe | 13:29:42.78 | -23:16:52.8 | 13:29:42.77 | -23:16:51.5 | 1.312 | -60.7 | 11.0 | 51964 | b | m | e |
| HIP 67419 | 13462-2807 | 13490199-2822034 | M7e | 13:49:02.00 | -28:22:03.5 | 13:49:01.99 | -28:22:03.4 | 0.071 | -49.0 | -59.6 | 108845 | b | m | |
| HIP 68815 | 14003-7633 | 14051986-7647483 | M6.5III: | 14:05:19.88 | -76:47:48.3 | 14:05:19.87 | -76:47:48.4 | 0.091 | -87.4 | -31.2 | 30511 | b | | e |
| HIP 69673 | 14133+1925 | 14153968+1910558 | K1.5III | 14:15:39.67 | +19:10:56.7 | 14:15:39.68 | +19:10:55.9 | 0.787 | -1093.4 | -1999.4 | 14643 | | m | |
| HIP 70401 | 14219+2555 | 14241163+2542144 | M7.5 | 14:24:11.63 | +25:42:13.4 | 14:24:11.63 | +25:42:14.4 | 1.026 | 21.7 | -49.7 | 38503 | | | e |
| HIP 75143 | 15193+3132 | 15212394+3122026 | M7e | 15:21:23.96 | +31:22:02.6 | 15:21:23.94 | +31:22:02.6 | 0.202 | -8.3 | -11.6 | 11121 | | | e |
| WX Ser | 15255+1944 | 15274705+1933518 | M8.5 | 15:27:47.04 | +19:33:51.7 | 15:27:47.05 | +19:33:51.8 | 0.159 | 2.3 | 9.3 | 12014 | | | e |
| HIP 78574 | 16011+4722 | 16023917+4714250 | M8 | 16:02:39.17 | +47:14:25.3 | 16:02:39.18 | +47:14:25.0 | 0.277 | -67.8 | 64.5 | 22037 | | | e |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 80488 | 16235+1900 | 16254746+1853328 | M7III | 16:25:47.47 | +18:53:32.9 | 16:25:47.47 | +18:53:32.8 | 0.070 | -16.8 | -9.8 | 15810 | |
| HIP 80704 | 16269+4159 | 16283852+4152539 | M6III | 16:28:38.55 | +41:52:54.0 | 16:28:38.52 | +41:52:54.0 | 0.305 | 29.1 | -5.5 | 13405 | |
| HIP 84071 | 17080-3215 | 17111702-3219308 | M4III: | 17:11:17.02 | -32:19:30.7 | 17:11:17.03 | -32:19:30.9 | 0.153 | -2.8 | -4.1 | 36483 | b e |
| HIP 87668 | 17513-2313 | 17542613-2314097 | M5 | 17:54:26.13 | -23:14:09.7 | 17:54:26.13 | -23:14:09.8 | 0.107 | 1.9 | -0.2 | 14504 | b e |
| HIP 91389 | 18359+0847 | 18382111+0850030 | K1III+... | 18:38:21.13 | +08:50:02.8 | 18:38:21.12 | +08:50:03.1 | 0.303 | -13.8 | 27.2 | 12991 | b m |
| HIP 95413 | 19232+5008 | 19243305+5014289 | M7IIIv | 19:24:33.07 | +50:14:29.1 | 19:24:33.05 | +50:14:29.0 | 0.198 | -6.8 | -19.8 | 13793 | e |
| HIP 97629 | 19486+3247 | 19503392+3254509 | S... | 19:50:33.92 | +32:54:50.6 | 19:50:33.93 | +32:54:50.9 | 0.302 | -23.6 | -38.5 | 43531 | b m |
| HIP 98031 | 19510-5919 | 19551399-5911438 | M7IIe | 19:55:13.97 | -59:11:44.3 | 19:55:14.00 | -59:11:43.9 | 0.523 | 16.6 | -44.5 | 17476 | e |
| HIP 99082 | 20038-2722 | 20065522-2713295 | M7III... | 20:06:55.24 | -27:13:29.8 | 20:06:55.23 | -27:13:29.6 | 0.289 | 24.1 | -45.2 | 14909 | b e |
| HIP 99512 | 20075-6005 | 20114588-5956125 | M6/M7III:p | 20:11:45.86 | -59:56:12.8 | 20:11:45.89 | -59:56:12.6 | 0.299 | 28.5 | -9.8 | 26796 | e |
| HIP 100935 | 20248-2825 | 20275520-2815395 | M7III... | 20:27:55.19 | -28:15:39.8 | 20:27:55.20 | -28:15:39.5 | 0.295 | -4.6 | 13.3 | 17885 | b e |
| HIP 102082 | 20396+4757 | 20411826+4808288 | N... | 20:41:18.27 | +48:08:28.8 | 20:41:18.27 | +48:08:28.9 | 0.067 | -6.4 | -12.6 | 24451 | b |
| HIP 104252 | 21044-1637 | 21071542-1625214 | M6/M7III | 21:07:15.43 | -16:25:21.4 | 21:07:15.43 | -16:25:21.5 | 0.065 | 2.7 | -26.5 | 10083 | b e |
| HIP 106642 | 21341+4508 | 21360248+4522284 | M4III | 21:36:02.50 | +45:22:28.5 | 21:36:02.49 | +45:22:28.4 | 0.140 | 64.4 | 1.9 | 12553 | b e |
| HIP 107516 | 21439-0226 | 21463185-0212460 | M8IIIv | 21:46:31.85 | -02:12:45.9 | 21:46:31.85 | -02:12:46.0 | 0.119 | 26.9 | 20.5 | 27825 | e |
| HIP 108928 | 22017+2806 | 22035952+2820542 | M7.5IIIv | 22:03:59.51 | +28:20:54.2 | 22:03:59.53 | +28:20:54.2 | 0.177 | 14.4 | -5.4 | 12979 | e |
| HIP 109070 | 22035+3506 | 22054207+3520543 | M7 | 22:05:42.09 | +35:20:54.5 | 22:05:42.07 | +35:20:54.4 | 0.211 | 13.9 | -8.8 | 13281 | e |
| HIP 110478 | 22196-4612 | 22224445-4556524 | S... | 22:22:44.21 | -45:56:52.6 | 22:22:44.45 | -45:56:52.4 | 2.588 | 27.9 | -10.9 | 41597 | m e |
| HIP 112122 | 22396-4708 | 22424003-4653044 | M5III | 22:42:40.05 | -46:53:04.5 | 22:42:40.03 | -46:53:04.4 | 0.199 | 135.7 | -4.5 | 22227 | |
| HD 216692 | 22525-2952 | 22551968-2936442 | M7III... | 22:55:19.69 | -29:36:44.8 | 22:55:19.68 | -29:36:44.3 | 0.556 | 27.4 | -33.0 | 10139 | e |
| HIP 117054 | 23412-1533 | 23434939-1517043 | M7IIIpev | 23:43:49.46 | -15:17:04.2 | 23:43:49.40 | -15:17:04.4 | 0.918 | 33.0 | -32.6 | 43462 | |
| HIP 118188 | 23558+5106 | 23582487+5123190 | M7IIIe | 23:58:24.87 | +51:23:19.7 | 23:58:24.87 | +51:23:19.1 | 0.649 | 84.4 | 18.1 | 54091 | m e |
| HD 2326 | 00245-0652 | 00270644-0636168 | M7 | 00:27:06.45 | -06:36:16.9 | 00:27:06.45 | -06:36:16.8 | 0.043 | -11.2 | -15.6 | 5924 | e |
| HIP 10687 | 02143+4404 | 02173296+4418176 | M7:p | 02:17:32.96 | +44:18:17.8 | 02:17:32.96 | +44:18:17.7 | 0.069 | -0.6 | -3.1 | 7058 | e |
| HIP 11582 | 02270-2619 | 02291531-2605559 | C... | 02:29:15.31 | -26:05:55.7 | 02:29:15.32 | -26:05:55.9 | 0.292 | 9.2 | -7.0 | 7912 | |
| PPM 45199 | 02302+4525 | 02332877+4539162 | M6IIIv | 02:33:28.80 | +45:39:15.8 | 02:33:28.77 | +45:39:16.3 | 0.584 | 7.3 | -9.0 | 6885 | e |
| HD 17271 | 02427-5430 | 02441475-5418039 | M... | 02:44:14.75 | -54:18:04.1 | 02:44:14.76 | -54:18:04.0 | 0.130 | -10.8 | -3.4 | 7636 | e |
| HIP 13262 | 02469+5646 | 02503790+5659000 | M4.5Iab: | 02:50:37.89 | +56:59:00.3 | 02:50:37.91 | +56:59:00.1 | 0.215 | -1.2 | -5.2 | 7762 | b e |
| HIP 14354 | 03019+3838 | 03051057+3850243 | M4II | 03:05:10.59 | +38:50:25.0 | 03:05:10.58 | +38:50:24.4 | 0.625 | 128.7 | -106.6 | 7403 | b |
| HIP 16647 | 03318+1619 | 03341246+1609505 | M:e | 03:34:12.48 | -16:09:50.7 | 03:34:12.46 | -16:09:50.5 | 0.264 | 7.5 | 1.7 | 5572 | e |
| HIP 17881 | 03415+8010 | 03492998+8019210 | M5III | 03:49:30.02 | +80:19:20.9 | 03:49:29.98 | +80:19:21.0 | 0.146 | -4.1 | 13.3 | 5505 | e |
| HIP 21766 | 04387-3819 | 04403009-3814067 | M6e | 04:40:30.09 | -38:14:06.9 | 04:40:30.10 | -38:14:06.8 | 0.231 | -3.6 | -5.1 | 5722 | e |
| HIP 23636 | 05027-2158 | 05045084-2154163 | M6ev | 05:04:50.84 | -21:54:16.5 | 05:04:50.84 | -21:54:16.3 | 0.162 | 8.2 | -31.6 | 7038 | e |
| HIP 24126 | 05096-4834 | 05105724-4830253 | M7e | 05:10:57.25 | -48:30:25.5 | 05:10:57.25 | -48:30:25.4 | 0.106 | 6.4 | 6.8 | 8273 | e |
| HD 39741 | 05559+7430 | 06023232+7430268 | M7 | 06:02:32.30 | +74:30:27.1 | 06:02:32.32 | +74:30:26.9 | 0.231 | 11.2 | -10.1 | 9694 | e |
| HIP 28816 | 06027-1628 | 06045913-1628053 | Apsh | 06:04:59.13 | -16:29:04.0 | 06:04:59.13 | -16:29:03.9 | 0.033 | -5.6 | -3.2 | 7362 | b e |
| HIP 29450 | 06092+2255 | 06121911+2254305 | M0Iab: | 06:12:19.10 | +22:54:30.7 | 06:12:19.11 | +22:54:30.5 | 0.225 | -0.9 | -2.2 | 5112 | b e |
| HIP 30343 | 06199+2232 | 06225762+2230490 | M3III | 06:22:57.63 | +22:30:48.9 | 06:22:57.62 | +22:30:49.1 | 0.164 | 56.8 | -108.8 | 6445 | b m |
| HIP 32923 | 06491-0654 | 06513340-0657592 | B9 | 06:51:33.40 | -06:57:59.4 | 06:51:33.41 | -06:57:59.2 | 0.258 | -4.6 | 5.0 | 6571 | b e |
| HIP 36288 | 07245+4605 | 07281161+4559261 | M5Ib-IIv | 07:28:11.61 | +45:59:26.2 | 07:28:11.62 | +45:59:26.1 | 0.075 | -8.9 | -7.1 | 6153 | e |
| HIP 41201 | 08220-0821 | 08242786-0831125 | M... | 08:24:27.86 | -08:31:12.7 | 08:24:27.86 | -08:31:12.6 | 0.144 | -28.8 | 21.0 | 8266 | e |
| HIP 42502 | 08375-1707 | 08395353-1718107 | M6III | 08:39:53.54 | -17:18:10.8 | 08:39:53.53 | -17:18:10.7 | 0.150 | 0.7 | -152.5 | 8544 | e |
| HIP 55355 | 11179-6458 | 11200625-6515071 | M3 | 11:20:06.23 | -65:15:07.1 | 11:20:06.25 | -65:15:07.1 | 0.134 | -5.3 | 1.2 | 8445 | b e |
| HIP 61022 | 12277+0441 | 12302102+0424590 | M7III: | 12:30:21.01 | +04:24:59.2 | 12:30:21.03 | +04:24:59.0 | 0.281 | -43.1 | -27.0 | 9984 | e |
| HIP 61839 | 12380+5607 | 12402129+5550476 | M7I-III... | 12:40:21.28 | +55:50:47.6 | 12:40:21.29 | +55:50:47.6 | 0.125 | -4.1 | 2.7 | 8653 | e |
| HIP 62223 | 12427+4542 | 12450780+4526249 | CIab:... | 12:45:07.83 | +45:26:24.9 | 12:45:07.80 | +45:26:24.9 | 0.250 | -2.2 | 13.1 | 8041 | |
| HIP 62401 | 12447+0425 | 12471840+0408413 | Rpev | 12:47:18.41 | +04:08:41.4 | 12:47:18.41 | +04:08:41.4 | 0.103 | 11.2 | -25.1 | 6986 | |
| HIP 66666 | 13368-4941 | 13395979-4956597 | M5III | 13:39:59.81 | -49:56:59.8 | 13:39:59.79 | -49:56:59.8 | 0.154 | -99.4 | 18.7 | 9905 | b e |
| HIP 67457 | 13465-3412 | 13492674-3427026 | M4.5III | 13:49:26.72 | -34:27:02.8 | 13:49:26.75 | -34:27:02.6 | 0.353 | -42.6 | -59.9 | 5533 | b |
| HIP 70669 | 14247+0454 | 14271640+0440414 | M8 | 14:27:16.39 | +04:40:41.1 | 14:27:16.40 | +04:40:41.4 | 0.327 | -4.8 | 5.7 | 6312 | e |
| HIP 70969 | 14280-2952 | 14305861-3005517 | M7III... | 14:30:58.62 | -30:05:51.8 | 14:30:58.61 | -30:05:51.8 | 0.067 | -38.3 | -23.3 | 5864 | b e |
| HIP 71644 | 14371+3245 | 14391585+3232222 | M6III:e | 14:39:15.86 | +32:32:22.3 | 14:39:15.86 | +32:32:22.3 | 0.041 | 14.5 | -4.3 | 6268 | e |
| HIP 75393 | 15214-2244 | 15241977-2254397 | Me | 15:24:19.79 | -22:54:39.9 | 15:24:19.77 | -22:54:39.7 | 0.265 | 15.9 | -15.2 | 6358 | b |
| HIP 75456 | 15223-0203 | 15245514-0214064 | M7 | 15:24:55.14 | -02:14:06.7 | 15:24:55.14 | -02:14:06.5 | 0.213 | 7.3 | 2.5 | 6216 | b |
| HIP 76423 | 15341+1515 | 15362819+1506048 | M5II-III | 15:36:28.19 | +15:06:05.1 | 15:36:28.19 | +15:06:04.8 | 0.303 | -3.4 | 9.6 | 8743 | e |
| HIP 77615 | 15483+1517 | 15504171+1508009 | M7IIIe | 15:50:41.73 | +15:08:01.1 | 15:50:41.71 | +15:08:00.9 | 0.343 | -2.0 | -35.4 | 6426 | e |
| HIP 77619 | 15492+4837 | 15504662+4828590 | M6s | 15:50:46.62 | +48:28:58.9 | 15:50:46.62 | +48:28:59.1 | 0.228 | -1.9 | -21.6 | 9106 | e |
| HIP 79233 | 16081+2511 | 16101451+2504143 | M7e... | 16:10:14.52 | +25:04:14.3 | 16:10:14.51 | +25:04:14.3 | 0.059 | 4.8 | -2.4 | 6759 | e |
| HIP 81835 | 16418+5459 | 16425585+5454132 | M6III: | 16:42:55.88 | +54:54:13.6 | 16:42:55.86 | +54:54:13.3 | 0.370 | 6.0 | -32.1 | 6746 | e |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 82912 | 16534-3030 | 16563782-3034481 | M6II-IIIme | 16:56:37.84 | -30:34:48.2 | 16:56:37.83 | -30:34:48.2 | 0.143 | -9.3 | -8.6 | 6561 | b e |
| HIP 87747 | 17534+2603 | 17552518+2602599 | F2Ibe | 17:55:25.19 | +26:02:60.0 | 17:55:25.18 | +26:02:60.0 | 0.093 | 4.4 | 5.0 | 6245 | e |
| HIP 87816 | 17556+5813 | 17562215+5812526 | K | 17:56:23.31 | +58:13:06.2 | 17:56:22.16 | +58:12:52.6 | 0.023 | -16.9 | -57.6 | 7426 | m |
| HIP 92862 | 18537+4352 | 18552010+4356463 | M5III | 18:55:20.10 | +43:56:45.9 | 18:55:20.11 | +43:56:46.3 | 0.408 | 19.9 | 80.6 | 9532 | |
| HD 180209 | 19143-5032 | 19181461-5026484 | M7 | 19:18:14.60 | -50:26:48.4 | 19:18:14.61 | -50:26:48.5 | 0.135 | 5.0 | -10.2 | 5859 | e |
| HIP 98608 | 19575-5930 | 20014473-5922331 | M6III | 20:01:44.74 | -59:22:33.2 | 20:01:44.73 | -59:22:33.2 | 0.112 | 19.7 | -26.9 | 5512 | |
| HIP 100605 | 20248+7505 | 20240349+7515134 | M8IIIe | 20:24:03.56 | +75:15:13.6 | 20:24:03.49 | +75:15:13.5 | 0.286 | -6.1 | 17.2 | 7796 | b e |
| HIP 102440 | 20431+1754 | 20452823+1805242 | M5Iab: | 20:45:28.24 | +18:05:24.1 | 20:45:28.24 | +18:05:24.3 | 0.159 | 10.6 | -9.9 | 6594 | b e |
| HIP 105638 | 21206-4054 | 21234877-4042054 | M4e | 21:23:48.79 | -40:42:05.2 | 21:23:48.78 | -40:42:05.4 | 0.290 | 31.4 | -3.6 | 5878 | e |
| HIP 110428 | 22142-8454 | 22220250-8439585 | M7III | 22:22:02.52 | -84:39:58.4 | 22:22:02.51 | -84:39:58.6 | 0.122 | -1.7 | -15.6 | 6342 | e |
| HIP 110736 | 22230-4841 | 22260548-4826187 | M8IIIe | 22:26:05.47 | -48:26:18.8 | 22:26:05.49 | -48:26:18.7 | 0.112 | 24.1 | -6.8 | 5059 | e |
| HIP 112545 | 22456+5453 | 22474341+5509303 | M4Iab:e | 22:47:43.43 | +55:09:30.3 | 22:47:43.41 | +55:09:30.3 | 0.120 | -2.9 | -3.7 | 5337 | b e |
| HIP 113330 | 22540-5740 | 22570585-5724041 | M8III | 22:57:05.86 | -57:24:04.2 | 22:57:05.85 | -57:24:04.1 | 0.103 | 66.3 | -56.7 | 5137 | e |
| HIP 113881 | 23013+2748 | 23034644+2804580 | M2.5II-III | 23:03:46.46 | +28:04:58.0 | 23:03:46.44 | +28:04:58.0 | 0.196 | 187.8 | 137.6 | 8813 | m |
| HIP 114114 | 23041+1016 | 23063917+1032359 | M7e | 23:06:39.17 | +10:32:36.1 | 23:06:39.18 | +10:32:36.0 | 0.198 | 11.4 | -8.8 | 6437 | e |
| HIP 115188 | 23173+2600 | 23195050+2616437 | M7e | 23:19:50.50 | +26:16:43.7 | 23:19:50.51 | +26:16:43.8 | 0.123 | 3.4 | -3.1 | 7970 | e |
| HIP 116705 | 23365+5159 | 23390144+5215447 | M5 | 23:39:01.42 | +52:15:44.9 | 23:39:01.45 | +52:15:44.8 | 0.220 | 0.2 | -0.1 | 7021 | b e |
| HIP 117763 | 23504+6043 | 23525623+6100083 | M3Iab: | 23:52:56.24 | +61:00:08.4 | 23:52:56.24 | +61:00:08.3 | 0.056 | -3.0 | -3.6 | 5014 | b e |
| HD 224126 | 23528+4821 | 23552172+4838175 | M... | 23:55:21.74 | +48:38:17.6 | 23:55:21.73 | +48:38:17.7 | 0.183 | 14.4 | -13.6 | 5106 | e |
| HIP 8 | 23575+2536 | 00000657+2553112 | M7e | 00:00:06.56 | +25:53:11.3 | 00:00:06.57 | +25:53:11.2 | 0.110 | 19.1 | -5.7 | 1961 | e |
| HIP 154 | 23594-0617 | 00015760-0600507 | M3III | 00:01:57.62 | -06:00:50.7 | 00:01:57.61 | -06:00:50.8 | 0.195 | 46.6 | -41.3 | 1666 | b |
| HIP 1236 | 00128-3219 | 00152227-3202428 | M7IIIe... | 00:15:22.26 | -32:02:43.0 | 00:15:22.27 | -32:02:42.9 | 0.139 | 37.7 | -2.2 | 3676 | e |
| HIP 2081 | 00238-4234 | 00261699-4218216 | K0.5IIIb | 00:26:17.05 | -42:18:21.5 | 00:26:16.99 | -42:18:21.6 | 0.631 | 232.8 | -353.6 | 1122 | |
| HIP 2210 | 00254-3317 | 00275566-3300257 | M4III | 00:27:55.70 | -33:00:25.8 | 00:27:55.66 | -33:00:25.8 | 0.437 | -20.5 | -50.4 | 1067 | |
| HIP 2215 | 00254-1156 | 00280053-1139318 | M5III | 00:28:00.55 | -11:39:31.7 | 00:28:00.54 | -11:39:31.8 | 0.166 | 39.6 | -16.1 | 1711 | |
| HIP 2219 | 00254+1736 | 00280291+1753351 | M3III | 00:28:02.91 | +17:53:35.2 | 00:28:02.92 | +17:53:35.2 | 0.097 | 114.9 | 20.5 | 1490 | |
| HIP 3179 | 00376+5615 | 00403044+5632145 | K0IIIa | 00:40:30.44 | +56:32:14.4 | 00:40:30.45 | +56:32:14.5 | 0.142 | 50.4 | -32.2 | 1234 | b m |
| HIP 3419 | 00410-1815 | 00433536-1759117 | G9II-III | 00:43:35.37 | -17:59:11.8 | 00:43:35.36 | -17:59:11.8 | 0.109 | 232.8 | 32.7 | 1110 | |
| HIP 4008 | 00484+6238 | 00512601+6255147 | M... | 00:51:26.00 | +62:55:14.9 | 00:51:26.01 | +62:55:14.7 | 0.150 | -29.0 | -2.8 | 2271 | b e |
| HIP 4200 | 00515-6308 | 00533788-6252166 | M4III | 00:53:37.87 | -62:52:16.9 | 00:53:37.89 | -62:52:16.7 | 0.216 | 74.4 | 0.7 | 1013 | |
| HIP 6093 | 01150+5732 | 01181389+5748113 | M3 | 01:18:13.88 | +57:48:11.4 | 01:18:13.89 | +57:48:11.3 | 0.080 | -7.7 | -1.2 | 2972 | b e |
| PPM 90755 | 01217+2341 | 01243090+2356423 | M3 | 01:24:30.89 | +23:56:42.4 | 01:24:30.91 | +23:56:42.4 | 0.292 | -15.7 | -7.8 | 1745 | e |
| HIP 6867 | 01261-4334 | 01282192-4319054 | M0IIIa... | 01:28:21.93 | -43:19:05.6 | 01:28:21.93 | -43:19:05.5 | 0.165 | -18.2 | -207.7 | 1436 | |
| HD 11290 | 01452-8026 | 01445841-8011080 | M... | 01:44:58.35 | -80:11:07.8 | 01:44:58.41 | -80:11:08.1 | 0.329 | -15.2 | -2.3 | 1959 | e |
| PPM 117658 | 01438+1850 | 01463534+1905044 | M5 | 01:46:35.33 | +19:05:03.7 | 01:46:35.34 | +19:05:04.4 | 0.087 | -18.4 | -22.0 | 3667 | e |
| HIP 8565 | 01472+5329 | 01502926+5344340 | M5II-III | 01:50:29.28 | +53:44:34.0 | 01:50:29.26 | +53:44:34.1 | 0.167 | 5.0 | -3.5 | 1636 | b e |
| HIP 8837 | 01516-4632 | 01533874-4618096 | M4III | 01:53:38.74 | -46:18:09.6 | 01:53:38.75 | -46:18:09.6 | 0.065 | -92.4 | -91.5 | 2125 | |
| HIP 8968 | 01527+1656 | 01553115+1711217 | M6 | 01:55:31.17 | +17:11:21.7 | 01:55:31.16 | +17:11:21.7 | 0.204 | -3.6 | -9.1 | 1663 | e |
| HIP 9171 | 01551+3053 | 01580376+3108037 | M3 | 01:58:03.77 | +31:08:03.8 | 01:58:03.77 | +31:08:03.8 | 0.040 | -43.0 | -46.0 | 1088 | |
| HIP 9306 | 01562+5434 | 01593514+5449199 | M6e | 01:59:35.12 | +54:49:20.0 | 01:59:35.14 | +54:49:20.0 | 0.176 | 29.0 | -17.2 | 1643 | b e |
| HIP 9372 | 01579-0845 | 02002682-0831259 | M5III | 02:00:26.82 | -08:31:25.9 | 02:00:26.82 | -08:31:25.9 | 0.012 | 86.7 | -19.3 | 1696 | m |
| HIP 9582 | 01597+5459 | 02030935+5513566 | MIb+... | 02:03:09.36 | +55:13:56.6 | 02:03:09.36 | +55:13:56.7 | 0.059 | 0.3 | -3.4 | 2480 | b m e |
| HIP 9640 | 02008+4205 | 02035397+4219471 | K3IIb... | 02:03:53.95 | +42:19:47.0 | 02:03:53.98 | +42:19:47.1 | 0.277 | 43.1 | -50.9 | 2099 | m |
| HD 12900 | 02036-1027 | 02060572-1012451 | M2 | 02:06:05.71 | -10:12:45.3 | 02:06:05.72 | -10:12:45.2 | 0.282 | 6.3 | -17.7 | 1896 | e |
| HIP 9884 | 02043+2313 | 02071038+2327447 | K2III | 02:07:10.41 | +23:27:44.7 | 02:07:10.39 | +23:27:44.7 | 0.254 | 190.7 | -145.8 | 1834 | b |
| HIP 10995 | 02181+5738 | 02214241+5751460 | M1Iab... | 02:21:42.41 | +57:51:46.1 | 02:21:42.41 | +57:51:46.0 | 0.087 | -0.7 | -3.4 | 1092 | b e |
| HIP 11350 | 02234-0024 | 02260233-0010418 | M9 | 02:26:02.32 | -00:10:41.8 | 02:26:02.33 | -00:10:41.9 | 0.239 | 11.3 | 3.7 | 2037 | e |
| HIP 11455 | 02270-6944 | 02274687-6931261 | M6/M7 | 02:27:46.84 | -69:31:26.4 | 02:27:46.87 | -69:31:26.1 | 0.313 | -13.6 | 29.7 | 1582 | |
| HIP 12193 | 02339+3402 | 02370234+3415513 | M4IIIe | 02:37:02.34 | +34:15:51.4 | 02:37:02.34 | +34:15:51.4 | 0.026 | 36.9 | -7.4 | 1870 | |
| HIP 12302 | 02347+5649 | 02382544+5702462 | M2Iab: | 02:38:25.42 | +57:02:46.2 | 02:38:25.44 | +57:02:46.3 | 0.212 | 0.0 | -3.4 | 2671 | b e |
| HIP 12416 | 02360+5922 | 02395046+5935513 | M2Iab | 02:39:50.44 | +59:35:51.3 | 02:39:50.46 | +59:35:51.3 | 0.206 | -2.5 | -0.2 | 2089 | b e |
| HIP 12557 | 02384+3418 | 02413058+3430578 | M5II | 02:41:30.57 | +34:30:58.0 | 02:41:30.59 | +34:30:57.8 | 0.250 | 10.1 | 2.0 | 1847 | e |
| HD 17685 | 02464-5915 | 02474494-5903041 | M7 | 02:47:44.95 | -59:03:04.2 | 02:47:44.95 | -59:03:04.2 | 0.049 | 33.2 | 23.2 | 2222 | e |
| HIP 13064 | 02455-1240 | 02475592-1227381 | M5III | 02:47:55.92 | -12:27:38.3 | 02:47:55.92 | -12:27:38.2 | 0.175 | -2.1 | -48.4 | 2366 | e |
| HIP 13092 | 02455+1718 | 02481976+1730337 | M6 | 02:48:19.74 | +17:30:33.8 | 02:48:19.76 | +17:30:33.8 | 0.270 | -12.2 | -17.4 | 3490 | b e |
| HIP 13290 | 02473+5738 | 02510394+5751198 | M2Iab: | 02:51:03.95 | +57:51:19.9 | 02:51:03.95 | +57:51:19.8 | 0.101 | -1.0 | -1.2 | 3018 | b e |
| HIP 13384 | 02497-0828 | 02521417-0816013 | M5III | 02:52:14.18 | -08:16:01.4 | 02:52:14.18 | -08:16:01.3 | 0.138 | -0.5 | -16.9 | 1845 | e |
| HIP 13654 | 02529+1807 | 02554846+1819538 | M6III | 02:55:48.50 | +18:19:53.9 | 02:55:48.46 | +18:19:53.8 | 0.482 | -8.1 | -14.9 | 3452 | b |
| HIP 14135 | 02596+0353 | 03021680+0405226 | M1.5IIIa | 03:02:16.77 | +04:05:23.0 | 03:02:16.80 | +04:05:22.6 | 0.612 | -11.8 | -78.8 | 4392 | b |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 14930 | 03112-5730 | 03123315-5719176 | CII... | 03:12:33.16 | -57:19:17.6 | 03:12:33.16 | -57:19:17.6 | 0.070 | 18.6 | 13.6 | 3694 | e |
| HIP 15145 | 03118+4623 | 03151444+4634516 | M6 | 03:15:14.45 | +46:34:51.7 | 03:15:14.45 | +46:34:51.6 | 0.094 | 8.2 | -15.0 | 1926 | b e |
| HIP 15474 | 03172-2156 | 03193099-2145284 | M3/M4III | 03:19:31.00 | -21:45:28.3 | 03:19:30.99 | -21:45:28.4 | 0.204 | 51.4 | 32.2 | 3323 | m |
| HIP 15530 | 03170+3150 | 03200599+3201179 | M5II-III | 03:20:05.99 | +32:01:18.0 | 03:20:06.00 | +32:01:18.0 | 0.100 | 3.4 | -1.9 | 3740 | b e |
| HIP 15890 | 03203+6424 | 03244056+6435093 | M0Iab: | 03:24:40.56 | +64:35:09.6 | 03:24:40.57 | +64:35:09.3 | 0.249 | -3.2 | 0.1 | 1096 | b |
| HD 22868 | 03364-5533 | 03374455-5523465 | M6/M7III: | 03:37:44.56 | -55:23:46.8 | 03:37:44.55 | -55:23:46.5 | 0.245 | 6.6 | -14.5 | 2277 | e |
| HIP 17678 | 03479-7423 | 03471425-7414203 | M2III | 03:47:14.34 | -74:14:20.3 | 03:47:14.26 | -74:14:20.4 | 0.348 | 51.1 | 115.3 | 2438 | |
| HIP 17821 | 03463-0710 | 03484752-0700540 | M3 | 03:48:47.53 | -07:00:53.9 | 03:48:47.53 | -07:00:54.0 | 0.100 | -6.0 | -26.5 | 1359 | e |
| HIP 17889 | 03482-5213 | 03493583-5204477 | M5/M6III | 03:49:35.82 | -52:04:47.8 | 03:49:35.83 | -52:04:47.8 | 0.130 | 18.7 | 24.1 | 2153 | e |
| HD 24607 | 03511-4558 | 03524704-4549480 | M6IIIe | 03:52:47.03 | -45:49:48.2 | 03:52:47.04 | -45:49:48.1 | 0.157 | 14.5 | 15.7 | 2196 | e |
| HIP 18543 | 03557-1339 | 03580177-1330310 | M1IIIb... | 03:58:01.77 | -13:30:30.7 | 03:58:01.78 | -13:30:31.0 | 0.411 | 60.5 | -111.3 | 2528 | m |
| HIP 18744 | 04001-6217 | 04005380-6209332 | M4III | 04:00:53.81 | -62:09:33.4 | 04:00:53.80 | -62:09:33.3 | 0.146 | 1.8 | 35.0 | 1795 | |
| HIP 19567 | 04094-2515 | 04113103-2508021 | M7e | 04:11:31.03 | -25:08:02.3 | 04:11:31.04 | -25:08:02.1 | 0.206 | -7.2 | -12.5 | 3591 | e |
| HIP 20045 | 04157-1837 | 04175536-1830255 | M7 | 04:17:55.37 | -18:30:25.4 | 04:17:55.37 | -18:30:25.6 | 0.199 | 16.0 | 11.6 | 1530 | e |
| HIP 21046 | 04265+5718 | 04304168+5724423 | M4II-III | 04:30:41.68 | +57:24:42.3 | 04:30:41.68 | +57:24:42.4 | 0.112 | -5.7 | 4.3 | 3737 | b e |
| HIP 21252 | 04330-6307 | 04333283-6301450 | M5e | 04:33:32.83 | -63:01:45.0 | 04:33:32.83 | -63:01:45.0 | 0.006 | 13.5 | 15.3 | 1081 | e |
| PPM 700186 | 04311-0004 | 04334491+0001365 | M9 | 04:33:44.89 | 00:01:36.8 | 04:33:44.92 | 00:01:36.6 | 0.557 | 0.0 | -8.0 | 1472 | e |
| HIP 21464 | 04345-2740 | 04363393-2734431 | M7 | 04:36:33.93 | -27:34:43.2 | 04:36:33.93 | -27:34:43.1 | 0.128 | 2.5 | -3.6 | 1446 | e |
| HIP 21763 | 04382-1946 | 04402650-1940172 | M3/M4III | 04:40:26.51 | -19:40:17.4 | 04:40:26.51 | -19:40:17.3 | 0.118 | 28.2 | -97.1 | 1571 | m |
| HIP 22667 | 04497+1410 | 04523198+1415026 | M3 | 04:52:31.96 | +14:15:02.3 | 04:52:31.98 | +14:15:02.7 | 0.457 | -2.6 | -56.1 | 2257 | b |
| HIP 23015 | 04537+3305 | 04565963+3309578 | K3II | 04:56:59.62 | +33:09:57.9 | 04:56:59.64 | +33:09:57.9 | 0.240 | 3.6 | -18.5 | 1848 | b |
| HIP 23685 | 05033-2226 | 05052766-2222157 | K4III | 05:05:27.66 | -22:22:15.7 | 05:05:27.67 | -22:22:15.8 | 0.094 | 19.3 | -72.3 | 1165 | |
| HD 33893 | 05097-4538 | 05111151-4534391 | M5III: | 05:11:11.52 | -45:34:39.3 | 05:11:11.51 | -45:34:39.2 | 0.137 | 6.1 | 4.0 | 1081 | e |
| HIP 24436 | 05121-0815 | 05143226-0812060 | B8Iab: | 05:14:32.27 | -08:12:05.9 | 05:14:32.27 | -08:12:06.0 | 0.143 | 1.9 | -0.6 | 1039 | b m |
| HIP 24738 | 05146+4244 | 05181569+4247315 | M4III | 05:18:15.70 | +42:47:31.6 | 05:18:15.69 | +42:47:31.5 | 0.083 | 18.1 | -30.5 | 1210 | b |
| HIP 25194 | 05217-3943 | 05232402-3940424 | M1III | 05:23:24.02 | -39:40:42.3 | 05:23:24.02 | -39:40:42.5 | 0.160 | 26.7 | 5.0 | 1727 | e |
| HIP 25412 | 05411-8625 | 05260609-8623179 | M5.5e... | 05:26:06.18 | -86:23:17.7 | 05:26:06.09 | -86:23:18.0 | 0.225 | 0.0 | 32.0 | 3936 | e |
| HIP 25945 | 05292+1833 | 05321276+1835394 | M2Iab: | 05:32:12.75 | +18:35:39.2 | 05:32:12.77 | +18:35:39.4 | 0.291 | -0.3 | -4.5 | 4092 | b |
| HIP 26718 | 05374+3153 | 05404206+3155141 | M2Iab: | 05:40:42.05 | +31:55:14.2 | 05:40:42.06 | +31:55:14.1 | 0.184 | 0.5 | -4.3 | 2479 | b e |
| HIP 26754 | 05378+2804 | 05410248+2806229 | M3 | 05:41:02.47 | +28:06:22.9 | 05:41:02.48 | +28:06:23.0 | 0.144 | 5.3 | -14.5 | 3026 | b m e |
| PPM 725418 | 05393-2048 | 05412825-2046595 | M5 | 05:41:28.26 | -20:46:59.5 | 05:41:28.25 | -20:46:59.5 | 0.078 | 5.6 | 12.0 | 1022 | e |
| HIP 27286 | 05450-3142 | 05465631-3141283 | M8 | 05:46:56.31 | -31:41:28.4 | 05:46:56.31 | -31:41:28.4 | 0.031 | -2.1 | 8.5 | 1717 | e |
| HIP 28151 | 05535+3534 | 05565482+3534439 | M6 | 05:56:54.82 | +35:34:44.1 | 05:56:54.83 | +35:34:44.0 | 0.130 | -21.6 | -32.5 | 1042 | b |
| HIP 28404 | 05562+4556 | 05595611+4556124 | M3II | 05:59:56.10 | +45:56:12.2 | 05:59:56.11 | +45:56:12.4 | 0.229 | -2.4 | -7.3 | 2582 | b |
| HIP 28558 | 05588+1054 | 06013982+1054396 | M0 | 06:01:39.82 | +10:54:39.6 | 06:01:39.82 | +10:54:39.7 | 0.076 | -2.5 | -6.9 | 1728 | b e |
| HIP 29416 | 06088+2152 | 06115141+2152055 | M1Iab | 06:11:51.41 | +21:52:05.6 | 06:11:51.42 | +21:52:05.6 | 0.099 | 0.2 | -2.7 | 3573 | b e |
| HIP 29655 | 06118+2231 | 06145266+2230244 | M3III | 06:14:52.66 | +22:30:24.5 | 06:14:52.67 | +22:30:24.4 | 0.176 | -62.5 | -10.2 | 4293 | b m |
| HD 43635 | 06140-2729 | 06160181-2730347 | M7III | 06:16:01.82 | -27:30:34.6 | 06:16:01.82 | -27:30:34.8 | 0.157 | 0.0 | -19.0 | 2751 | e |
| HIP 29919 | 06133+6132 | 06175482+6130550 | M3III | 06:17:54.82 | +61:30:55.0 | 06:17:54.83 | +61:30:55.1 | 0.048 | -9.6 | -2.4 | 1468 | |
| HIP 30326 | 06202-0210 | 06224357-0211434 | M6e | 06:22:43.58 | -02:11:43.5 | 06:22:43.57 | -02:11:43.4 | 0.158 | 6.3 | -31.9 | 2501 | b |
| HIP 30438 | 06228-5240 | 06235709-5241441 | F0II | 06:23:57.11 | -52:41:44.4 | 06:23:57.09 | -52:41:44.2 | 0.267 | 20.0 | 23.7 | 2872 | |
| HIP 30520 | 06210+4918 | 06245390+4917163 | K5Iab | 06:24:53.90 | +49:17:16.4 | 06:24:53.90 | +49:17:16.3 | 0.090 | 0.8 | -2.5 | 2019 | e |
| HIP 30945 | 06250+6134 | 06294093+6132335 | M5III-IV | 06:29:40.93 | +61:32:33.4 | 06:29:40.94 | +61:32:33.5 | 0.176 | -15.9 | -3.7 | 2703 | e |
| HIP 31057 | 06310-6650 | 06310110-6652142 | M6II/III | 06:31:01.11 | -66:52:14.5 | 06:31:01.11 | -66:52:14.2 | 0.249 | 1.6 | 14.5 | 2628 | e |
| HIP 31349 | 06315+1606 | 06342391+1604303 | Cv+... | 06:34:23.92 | +16:04:30.3 | 06:34:23.92 | +16:04:30.4 | 0.058 | -1.8 | -2.6 | 1782 | b e |
| PPM 767023 | 06353-5549 | 06361543-5551464 | - | 06:36:15.43 | -55:51:46.5 | 06:36:15.43 | -55:51:46.5 | 0.065 | 1.0 | 11.2 | 1661 | e |
| PPM 30600 | 06363+5954 | 06404643+5952015 | M8e | 06:40:46.49 | +59:52:01.6 | 06:40:46.44 | +59:52:01.5 | 0.393 | -5.3 | -4.0 | 3934 | e |
| HD 48505 | 06397-5223 | 06405221-5226001 | M4/M5e | 06:40:52.21 | -52:26:00.3 | 06:40:52.22 | -52:26:00.1 | 0.164 | 16.6 | 11.2 | 2103 | e |
| HIP 32512 | 06439+3019 | 06470704+3016343 | M6e | 06:47:07.05 | +30:16:34.3 | 06:47:07.04 | +30:16:34.4 | 0.126 | -3.2 | -16.0 | 1013 | b e |
| HIP 33152 | 06520-2407 | 06540794-2411031 | K2.5Iab: | 06:54:07.95 | -24:11:03.2 | 06:54:07.95 | -24:11:03.2 | 0.058 | -3.5 | 5.0 | 1661 | b e |
| HIP 33856 | 06597-2751 | 07014314-2756051 | M1.5Iab: | 07:01:43.15 | -27:56:05.4 | 07:01:43.14 | -27:56:05.2 | 0.231 | -6.0 | 4.6 | 1829 | b m |
| HIP 34413 | 07057-1150 | 07080343-1155238 | CII... | 07:08:03.44 | -11:55:23.8 | 07:08:03.44 | -11:55:23.8 | 0.058 | -6.2 | 2.8 | 1736 | b e |
| HIP 35264 | 07153-3700 | 07170854-3705510 | K3Ib | 07:17:08.56 | -37:05:50.9 | 07:17:08.54 | -37:05:51.0 | 0.191 | -10.6 | 7.0 | 2990 | b m |
| HIP 35617 | 07179+2505 | 07205901+2459580 | N | 07:20:59.01 | +24:59:58.1 | 07:20:59.02 | +24:59:58.1 | 0.112 | -4.0 | -8.0 | 1685 | b e |
| HIP 36377 | 07276-4311 | 07291384-4318054 | K5III | 07:29:13.83 | -43:18:05.2 | 07:29:13.84 | -43:18:05.4 | 0.287 | -59.9 | 188.7 | 1495 | b m |
| HIP 36547 | 07207+8230 | 07310452+8224411 | M4IIIa | 07:31:04.46 | +82:24:41.3 | 07:31:04.53 | +82:24:41.1 | 0.198 | -3.7 | -42.3 | 1200 | |
| HIP 36675 | 07299+0825 | 07324305+0819054 | M7e | 07:32:43.07 | +08:19:05.2 | 07:32:43.06 | +08:19:05.4 | 0.323 | -6.3 | -14.6 | 3545 | e |
| HIP 36773 | 07314-1424 | 07334796-1431257 | A4Ia | 07:33:47.95 | -14:31:26.2 | 07:33:47.97 | -14:31:25.7 | 0.542 | -7.7 | 3.6 | 1270 | b |
| HIP 37279 | 07366+0520 | 07391805+0513298 | F5IV-V | 07:39:18.12 | +05:13:30.0 | 07:39:18.06 | +05:13:29.8 | 0.952 | -716.6 | -1034.6 | 1710 | m |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V633 Mon | 07487-0229 | 07511358-0237108 | S?... | 07:51:13.59 | -02:37:10.9 | 07:51:13.58 | -02:37:10.8 | 0.089 | 7.1 | 0.8 | 1444 | |
| HIP 38580 | 07518-2612 | 07535870-2620559 | M5/M6III | 07:53:58.70 | -26:20:55.7 | 07:53:58.70 | -26:20:55.9 | 0.201 | -3.7 | 2.5 | 1070 | b |
| HIP 38792 | 07543-3008 | 07562271-3017045 | M6III | 07:56:22.72 | -30:17:04.5 | 07:56:22.71 | -30:17:04.6 | 0.206 | -1.5 | -14.4 | 1094 | b |
| HIP 39433 | 08003+3629 | 08034002+3620415 | M5III: | 08:03:39.94 | +36:20:41.5 | 08:03:40.02 | +36:20:41.6 | 0.940 | -14.2 | -12.6 | 2856 | e |
| HIP 39487 | 08023-3231 | 08041619-3240291 | M1Iab: | 08:04:16.19 | -32:40:29.4 | 08:04:16.19 | -32:40:29.2 | 0.223 | -5.3 | 7.5 | 1292 | b |
| HIP 39967 | 08078-3801 | 08093981-3810285 | M7 | 08:09:39.81 | -38:10:28.6 | 08:09:39.81 | -38:10:28.5 | 0.085 | 23.6 | -17.9 | 3767 | b e |
| HIP 40060 | 08063+6522 | 08105974+6513220 | M8 | 08:10:59.74 | +65:13:22.1 | 08:10:59.74 | +65:13:22.1 | 0.036 | 10.2 | 2.3 | 2123 | e |
| HIP 40388 | 08117+2453 | 08144353+2444054 | M8 | 08:14:43.54 | +24:44:05.3 | 08:14:43.54 | +24:44:05.4 | 0.111 | -1.7 | -10.8 | 1228 | b |
| HIP 40593 | 08149-1339 | 08171665-1348304 | M5e | 08:17:16.65 | -13:48:30.5 | 08:17:16.66 | -13:48:30.4 | 0.117 | 7.8 | 3.7 | 1130 | e |
| HD 70654 | 08200-2528 | 08221114-2537546 | M5/M6III | 08:22:11.13 | -25:37:54.6 | 08:22:11.14 | -25:37:54.6 | 0.138 | -13.9 | -7.9 | 2397 | e |
| HIP 41028 | 08196+1509 | 08222529+1459319 | M6III | 08:22:25.29 | +14:59:31.9 | 08:22:25.29 | +14:59:32.0 | 0.091 | -11.9 | -27.6 | 1835 | e |
| HIP 41324 | 08239-3323 | 08255320-3333507 | M3Iab: | 08:25:53.21 | -33:33:50.9 | 08:25:53.21 | -33:33:50.8 | 0.074 | -1.5 | 3.3 | 1025 | b e |
| PPM 704303 | 08236-0444 | 08260611-0454033 | - | 08:26:06.11 | -04:54:03.4 | 08:26:06.12 | -04:54:03.4 | 0.150 | -8.3 | 0.4 | 1921 | e |
| HIP 41664 | 08272-0609 | 08294115-0619073 | M6e | 08:29:41.15 | -06:19:07.6 | 08:29:41.15 | -06:19:07.3 | 0.307 | 13.3 | -41.8 | 3617 | e |
| HIP 42489 | 08372-0924 | 08394375-0935130 | M5II | 08:39:43.76 | -09:35:13.0 | 08:39:43.76 | -09:35:13.1 | 0.051 | 13.4 | -20.2 | 3459 | e |
| HIP 43063 | 08437+0149 | 08462120+0137560 | M7 | 08:46:21.21 | +01:37:56.0 | 08:46:21.21 | +01:37:56.0 | 0.013 | -6.6 | -5.8 | 4511 | e |
| HIP 43215 | 08461-2827 | 08481462-2838197 | M5III | 08:48:14.63 | -28:38:19.7 | 08:48:14.63 | -28:38:19.8 | 0.115 | -10.6 | -8.4 | 1605 | b e |
| HIP 44050 | 08555+1102 | 08581599+1050425 | M5III | 08:58:16.00 | +10:50:42.5 | 08:58:15.99 | +10:50:42.7 | 0.139 | -18.1 | -32.4 | 2503 | e |
| HIP 44862 | 09057+1325 | 09082652+1313136 | M6 | 09:08:26.54 | +13:13:13.6 | 09:08:26.53 | +13:13:13.6 | 0.232 | -29.1 | -51.1 | 4285 | b e |
| HIP 44995 | 09069+2527 | 09095265+2514538 | M7e | 09:09:52.62 | +25:14:53.8 | 09:09:52.66 | +25:14:53.8 | 0.530 | -13.8 | -3.1 | 3088 | e |
| HIP 45860 | 09180+3436 | 09210335+3423332 | K7III | 09:21:03.30 | +34:23:33.2 | 09:21:03.35 | +34:23:33.2 | 0.640 | -222.8 | 14.8 | 1749 | m |
| HIP 46390 | 09251-0826 | 09273524-0839308 | K3II-III | 09:27:35.24 | -08:39:31.0 | 09:27:35.25 | -08:39:30.9 | 0.108 | -14.5 | 33.2 | 3065 | m |
| HIP 46673 | 09276+4454 | 09300659+4441019 | M6 | 09:30:56.58 | +44:41:02.1 | 09:30:56.60 | +44:41:02.0 | 0.236 | 2.7 | -6.8 | 2947 | m e |
| HIP 46701 | 09297-5648 | 09311329-5702035 | K5III | 09:31:13.32 | -57:02:03.8 | 09:31:13.30 | -57:02:03.5 | 0.303 | -32.6 | 6.1 | 1492 | b |
| HIP 47066 | 09331-1428 | 09353028-1441285 | M7e | 09:35:30.26 | -14:41:28.6 | 09:35:30.28 | -14:41:28.6 | 0.245 | -57.6 | -12.6 | 3254 | e |
| HIP 48662 | 09533-4120 | 09552611-4135127 | C | 09:55:26.11 | -41:35:12.8 | 09:55:26.12 | -41:35:12.7 | 0.094 | -2.8 | 3.5 | 2821 | b |
| HIP 50230 | 10133-5413 | 10151483-5428417 | M8IIIe | 10:15:14.83 | -54:28:42.0 | 10:15:14.83 | -54:28:41.8 | 0.224 | -16.2 | 13.9 | 4826 | b |
| HIP 50697 | 10189-3432 | 10210911-3447188 | M7IIIe | 10:21:09.11 | -34:47:18.7 | 10:21:09.12 | -34:47:18.9 | 0.176 | -3.7 | 7.2 | 3539 | e |
| HIP 50801 | 10193+4145 | 10221975+4129580 | M0III | 10:22:19.74 | +41:29:58.3 | 10:22:19.76 | +41:29:58.1 | 0.267 | -80.5 | 34.1 | 2192 | |
| HD 89810 | 10196+2545 | 10222350+2529587 | M8 | 10:22:23.50 | +25:29:58.5 | 10:22:23.51 | +25:29:58.7 | 0.233 | -14.2 | -13.9 | 1111 | e |
| HIP 51087 | 10243-5338 | 10261563-5353293 | M2Iab/Ib | 10:26:15.64 | -53:53:29.3 | 10:26:15.64 | -53:53:29.3 | 0.076 | -10.0 | 5.0 | 1754 | b m e |
| CT UMa | 10305+7001 | 10341742+6945518 | M6 | 10:34:17.43 | +69:45:52.1 | 10:34:17.42 | +69:45:51.9 | 0.186 | 5.7 | 6.0 | 1324 | e |
| HD 91760 | 10326-4441 | 10345100-4456559 | M5III | 10:34:51.01 | -44:56:56.1 | 10:34:51.01 | -44:56:56.0 | 0.096 | -8.1 | -1.7 | 1162 | e |
| HD 92096 | 10353-1145 | 10375180-1201152 | M6 | 10:37:51.80 | -12:01:15.3 | 10:37:51.80 | -12:01:15.3 | 0.044 | -52.7 | -9.9 | 3507 | e |
| HIP 52546 | 10411+6902 | 10443845+6846324 | M4e | 10:44:38.47 | +68:46:32.7 | 10:44:38.45 | +68:46:32.4 | 0.290 | -41.5 | -23.1 | 4462 | e |
| PPM 288087 | 10436-3459 | 10455888-3515044 | S | 10:45:58.90 | -35:15:04.9 | 10:45:58.88 | -35:15:04.5 | 0.435 | -4.9 | -2.0 | 1187 | e |
| HIP 53078 | 10492-3416 | 10513305-3432156 | M6III | 10:51:33.06 | -34:32:15.9 | 10:51:33.05 | -34:32:15.6 | 0.236 | 6.8 | -6.1 | 2081 | e |
| HD 95850 | 11010-0256 | 11033817-0312156 | M6 | 11:03:38.18 | -03:12:15.6 | 11:03:38.17 | -03:12:15.6 | 0.084 | -5.6 | -5.8 | 1203 | e |
| HIP 54061 | 11006+6201 | 11034364+6145034 | K0Iab: | 11:03:43.65 | +61:45:03.7 | 11:03:43.65 | +61:45:03.4 | 0.316 | -136.5 | -35.2 | 1773 | m |
| CS Dra | 11125+7524 | 11155590+7508345 | M5 | 11:15:55.90 | +75:08:34.6 | 11:15:55.91 | +75:08:34.5 | 0.029 | -17.3 | -14.1 | 4263 | e |
| PPM 288762 | 11163-3012 | 11185010-3028254 | M8 | 11:18:50.14 | -30:28:25.0 | 11:18:50.10 | -30:28:25.5 | 0.650 | -51.7 | 17.0 | 1050 | e |
| PPM 258896 | 11193-2443 | 11215069-2459417 | M6III | 11:21:50.71 | -24:59:41.8 | 11:21:50.70 | -24:59:41.7 | 0.184 | -42.0 | -1.4 | 1269 | e |
| HIP 55537 | 11202-5305 | 11223166-5322114 | B9Ve | 11:22:31.67 | -53:22:11.5 | 11:22:31.67 | -53:22:11.4 | 0.040 | -9.4 | 0.6 | 2978 | b m e |
| HIP 55936 | 11251+4527 | 11275039+4511068 | M4III | 11:27:50.38 | +45:11:06.8 | 11:27:50.39 | +45:11:06.8 | 0.139 | -9.5 | -16.4 | 1736 | e |
| HD 99635 | 11252+1525 | 11275314+1508481 | M5 | 11:27:53.15 | +15:08:48.2 | 11:27:53.14 | +15:08:48.2 | 0.286 | -17.9 | 12.1 | 2484 | e |
| HIP 56211 | 11284+6936 | 11312419+6919520 | M0III | 11:31:24.22 | +69:19:51.9 | 11:31:24.20 | +69:19:52.0 | 0.190 | -41.1 | -18.8 | 1223 | |
| HIP 56779 | 11358+0824 | 11382758+0808034 | M4III | 11:38:27.61 | +08:08:03.5 | 11:38:27.58 | +08:08:03.5 | 0.343 | -3.4 | 6.3 | 1489 | |
| HIP 57504 | 11445+4344 | 11471379+4328159 | M6IIIv | 11:47:13.80 | +43:28:15.9 | 11:47:13.79 | +43:28:15.9 | 0.155 | 25.3 | -6.3 | 4321 | e |
| HIP 57505 | 11449-7620 | 11471435-7637045 | M6III | 11:47:14.34 | -76:37:04.5 | 11:47:14.36 | -76:37:04.5 | 0.090 | 10.0 | -8.9 | 1022 | b |
| HIP 57613 | 11462-2628 | 11484507-2644592 | M4III | 11:48:45.08 | -26:44:59.2 | 11:48:45.08 | -26:44:59.2 | 0.050 | -34.9 | -9.7 | 1626 | |
| HIP 57642 | 11466-4128 | 11491178-4145272 | M6e... | 11:49:11.78 | -41:45:27.3 | 11:49:11.79 | -41:45:27.3 | 0.025 | -27.0 | -0.1 | 3937 | e |
| HD 102766 | 11473-2718 | 11495126-2734572 | M3III | 11:49:51.25 | -27:34:57.2 | 11:49:51.26 | -27:34:57.2 | 0.214 | 4.5 | -3.9 | 1474 | m e |
| HIP 57800 | 11485-1055 | 11510645-1112284 | M3 | 11:51:06.46 | -11:12:28.2 | 11:51:06.46 | -11:12:28.5 | 0.308 | -11.8 | -4.3 | 3007 | e |
| HIP 57917 | 11501-0719 | 11524508-0735482 | M... | 11:52:45.10 | -07:35:48.1 | 11:52:45.09 | -07:35:48.2 | 0.246 | -4.3 | -3.7 | 2176 | b e |
| HIP 58225 | 11538+5808 | 11563024+5752176 | M5IIIv | 11:56:30.23 | +57:52:17.7 | 11:56:30.24 | +57:52:17.6 | 0.124 | -7.6 | -9.6 | 2375 | e |
| HIP 58854 | 12016+1903 | 12041521+1846569 | M8e | 12:04:15.20 | +18:46:56.8 | 12:04:15.22 | +18:46:56.9 | 0.317 | -5.5 | 3.9 | 1160 | e |
| HIP 59108 | 12046-0629 | 12071489-0645561 | M5III | 12:07:14.90 | -06:45:56.2 | 12:07:14.90 | -06:45:56.1 | 0.146 | -28.5 | 16.7 | 2959 | b e |
| HIP 59588 | 12106-3350 | 12131293-3407307 | M4III | 12:13:12.94 | -34:07:31.0 | 12:13:12.94 | -34:07:30.8 | 0.215 | -37.2 | 6.2 | 2257 | e |
| HIP 61404 | 12319-6728 | 12345442-6745250 | M6II/III | 12:34:54.45 | -67:45:24.8 | 12:34:54.43 | -67:45:25.0 | 0.226 | -11.9 | -2.4 | 3498 | b |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PPM 102025 | 12344+2720 | 12365315+2703554 | M7 | 12:36:53.15 | +27:03:55.7 | 12:36:53.15 | +27:03:55.5 | 0.225 | 7.2 | -8.1 | 3206 | e |
| HIP 63024 | 12526+4728 | 12545651+4711480 | M5III | 12:54:56.52 | +47:11:48.2 | 12:54:56.51 | +47:11:48.0 | 0.178 | -17.2 | -6.5 | 1368 | |
| HIP 63090 | 12530+0340 | 12553619+0323507 | M3III | 12:55:36.21 | +03:23:50.9 | 12:55:36.19 | +03:23:50.7 | 0.305 | -471.4 | -52.8 | 3489 | m |
| T Com | 12562+2324 | 12583891+2308215 | M2 | 12:58:38.92 | +23:08:21.5 | 12:58:38.92 | +23:08:21.5 | 0.026 | 0.0 | 0.0 | 1920 | e |
| HIP 63950 | 13039+2253 | 13062260+2236582 | M5III: | 13:06:22.60 | +22:36:58.3 | 13:06:22.61 | +22:36:58.2 | 0.069 | 29.8 | -42.7 | 1566 | |
| HIP 64778 | 13136-4426 | 13163183-4442156 | K5pv | 13:16:31.83 | -44:42:15.7 | 13:16:31.83 | -44:42:15.6 | 0.113 | -18.4 | 2.0 | 2092 | b e |
| HIP 65006 | 13172+4547 | 13192776+4531375 | M6IIIa | 13:19:27.76 | +45:31:37.7 | 13:19:27.76 | +45:31:37.6 | 0.091 | -39.5 | -12.6 | 4466 | e |
| HIP 66100 | 13303-0656 | 13330010-0711412 | M7IIIe | 13:33:00.11 | -07:11:41.0 | 13:33:00.11 | -07:11:41.3 | 0.252 | -19.6 | 2.4 | 4810 | e |
| HIP 67410 | 13468+3947 | 13485706+3932330 | M6IIIe | 13:48:57.04 | +39:32:33.2 | 13:48:57.07 | +39:32:33.1 | 0.318 | 1.5 | -4.4 | 3576 | e |
| HIP 67627 | 13499+6458 | 13512593+6443238 | M3.5III | 13:51:25.94 | +64:43:23.8 | 13:51:25.94 | +64:43:23.9 | 0.091 | 1.4 | -4.5 | 1327 | m |
| HIP 67665 | 13495+3441 | 13514747+3426394 | K5III | 13:51:47.48 | +34:26:39.3 | 13:51:47.48 | +34:26:39.4 | 0.160 | -20.5 | -31.8 | 1077 | |
| HD 120806 | 13492-0325 | 13515165-0340341 | M... | 13:51:51.67 | -03:40:34.0 | 13:51:51.66 | -03:40:34.2 | 0.212 | 11.4 | -11.6 | 2078 | m e |
| HD 121714 | 13548-3049 | 13574319-3104110 | M... | 13:57:43.17 | -31:04:10.9 | 13:57:43.19 | -31:04:11.1 | 0.171 | 4.8 | -11.0 | 1520 | e |
| HIP 68357 | 13574+3726 | 13593347+3711501 | M7III: | 13:59:33.47 | +37:11:50.3 | 13:59:33.47 | +37:11:50.1 | 0.225 | 25.0 | -21.7 | 1285 | e |
| PPM 103009 | 13573+2801 | 13593847+2747144 | M9 | 13:59:38.48 | +27:47:14.5 | 13:59:38.48 | +27:47:14.5 | 0.075 | 1.8 | -13.4 | 1138 | e |
| HIP 68417 | 13582+3806 | 14002238+3752161 | M8 | 14:00:22.38 | +37:52:16.2 | 14:00:22.39 | +37:52:16.1 | 0.176 | 1.8 | -0.6 | 2536 | e |
| HIP 69038 | 14059+4405 | 14075576+4351160 | M4.5:III | 14:07:55.76 | +43:51:16.0 | 14:07:55.77 | +43:51:16.0 | 0.141 | 11.7 | -29.8 | 1673 | |
| HIP 69346 | 14086-2839 | 14113439-2853072 | M6e | 14:11:34.40 | -28:53:07.4 | 14:11:34.40 | -28:53:07.2 | 0.211 | -12.4 | -31.0 | 3747 | b e |
| HIP 69816 | 14162+6701 | 14171992+6647391 | M6e | 14:17:19.90 | +66:47:39.2 | 14:17:19.93 | +66:47:39.2 | 0.135 | -1.7 | 6.8 | 2090 | e |
| HIP 70026 | 14166-3637 | 14194433-3651293 | M5/M6III | 14:19:44.35 | -36:51:29.6 | 14:19:44.34 | -36:51:29.3 | 0.251 | 7.9 | -20.7 | 1731 | b m |
| HIP 70885 | 14277+3904 | 14294528+3851404 | M6e | 14:29:45.27 | +38:51:40.6 | 14:29:45.28 | +38:51:40.5 | 0.276 | 14.1 | -19.8 | 1263 | |
| HIP 71802 | 14390+3147 | 14411338+3134194 | M5III: | 14:41:13.38 | +31:34:19.7 | 14:41:13.39 | +31:34:19.5 | 0.274 | -13.8 | 5.2 | 2916 | e |
| HIP 72208 | 14437+1520 | 14460593+1507542 | M5III | 14:46:05.95 | +15:07:54.4 | 14:46:05.93 | +15:07:54.3 | 0.232 | -85.1 | 19.3 | 2781 | |
| HIP 72432 | 14455-3625 | 14483805-3638050 | M3III | 14:48:38.05 | -36:38:04.9 | 14:48:38.05 | -36:38:05.1 | 0.176 | -12.9 | -46.0 | 2373 | b |
| HIP 72607 | 14508+7421 | 14504235+7409199 | K4III | 14:50:42.33 | +74:09:19.8 | 14:50:42.36 | +74:09:20.0 | 0.204 | -32.3 | 11.9 | 3332 | m |
| HIP 73199 | 14567+6607 | 14573501+6555572 | M4.5III | 14:57:35.01 | +65:55:56.9 | 14:57:35.01 | +65:55:57.3 | 0.401 | -78.3 | 32.5 | 2965 | |
| HIP 73714 | 15011-2505 | 15040422-2516549 | M3/M4III | 15:04:04.22 | -25:16:55.1 | 15:04:04.23 | -25:16:54.9 | 0.237 | -71.8 | -44.7 | 4168 | b |
| HIP 75177 | 15186-3604 | 15214836-3615409 | K5III | 15:21:48.37 | -36:15:41.0 | 15:21:48.37 | -36:15:41.0 | 0.037 | -91.8 | -86.0 | 1087 | b m |
| HIP 75847 | 15314+7847 | 15293454+7838003 | M7e | 15:29:34.57 | +78:38:00.3 | 15:29:34.55 | +78:38:00.4 | 0.113 | -31.8 | 5.1 | 4774 | e |
| WW Ser | 15298+0348 | 15322484+0338275 | M8 | 15:32:24.84 | +03:38:27.5 | 15:32:24.85 | +03:38:27.6 | 0.046 | -5.4 | 14.4 | 1526 | e |
| HIP 76377 | 15323-4920 | 15355734-4930287 | M3e | 15:35:57.35 | -49:30:28.6 | 15:35:57.34 | -49:30:28.7 | 0.119 | -3.5 | -2.9 | 2977 | b m |
| HIP 76573 | 15361+2441 | 15381663+2431187 | MIII | 15:38:16.63 | +24:31:18.7 | 15:38:16.63 | +24:31:18.8 | 0.065 | -12.0 | -16.5 | 2322 | |
| HIP 77023 | 15402-3700 | 15433361-3710101 | M5/M6II: | 15:43:33.61 | -37:10:10.2 | 15:43:33.61 | -37:10:10.2 | 0.011 | 14.2 | 0.0 | 2668 | b e |
| HIP 77450 | 15464+1817 | 15484436+1808296 | M0.5III | 15:48:44.38 | +18:08:29.6 | 15:48:44.36 | +18:08:29.6 | 0.182 | -51.8 | -88.7 | 1058 | |
| HIP 77501 | 15477+3943 | 15493131+3934178 | N... | 15:49:31.31 | +39:34:17.9 | 15:49:31.31 | +39:34:17.9 | 0.028 | 5.6 | -14.7 | 3227 | |
| HIP 78235 | 15566+3609 | 15583081+3601195 | M7 | 15:58:30.76 | +36:01:19.7 | 15:58:30.82 | +36:01:19.6 | 0.683 | -51.4 | 0.7 | 2197 | e |
| HIP 79349 | 16095+2337 | 16113802+2329411 | M4III | 16:11:38.04 | +23:29:41.3 | 16:11:38.03 | +23:29:41.2 | 0.179 | -21.2 | -11.7 | 1039 | |
| HIP 79593 | 16117-0334 | 16142073-0341393 | M0.5III | 16:14:20.74 | -03:41:39.6 | 16:14:20.74 | -03:41:39.4 | 0.166 | -45.8 | -142.9 | 3373 | b m |
| HIP 79804 | 16164+5952 | 16171534+5945181 | M4III | 16:17:15.35 | +59:45:18.1 | 16:17:15.34 | +59:45:18.2 | 0.114 | 6.8 | 25.6 | 1210 | |
| HIP 80259 | 16211+3057 | 16230510+3051003 | M1III:... | 16:23:05.11 | +30:51:00.6 | 16:23:05.11 | +30:51:00.4 | 0.228 | -13.5 | 7.9 | 1421 | e |
| HIP 80802 | 16306+7223 | 16295786+7216491 | M7IIIe | 16:29:57.90 | +72:16:49.2 | 16:29:57.86 | +72:16:49.1 | 0.149 | 13.7 | 14.3 | 4026 | e |
| HD 151204 | 16432+1213 | 16453409+1208112 | M6e... | 16:45:34.09 | +12:08:11.6 | 16:45:34.10 | +12:08:11.3 | 0.373 | 5.9 | -3.9 | 1166 | e |
| HIP 82249 | 16473+5753 | 16481665+5748493 | M5 | 16:48:16.63 | +57:48:49.4 | 16:48:16.66 | +57:48:49.4 | 0.190 | -9.7 | 0.5 | 2122 | e |
| HIP 82273 | 16433-6856 | 16483989-6901398 | K2II-III | 16:48:39.89 | -69:01:39.8 | 16:48:39.90 | -69:01:39.9 | 0.090 | 17.9 | -32.9 | 3087 | b |
| HIP 82526 | 16496+1501 | 16520484+1458273 | B9.5p... | 16:51:53.92 | +14:56:30.8 | 16:52:04.84 | +14:58:27.4 | 0.214 | 13.9 | 8.4 | 1059 | |
| HIP 83866 | 17081+6422 | 17082450+6419087 | M... | 17:08:24.50 | +64:19:08.7 | 17:08:24.51 | +64:19:08.8 | 0.030 | 2.4 | 4.7 | 2514 | e |
| HIP 84004 | 17086+4045 | 17101852+4041238 | M... | 17:10:18.53 | +40:41:23.8 | 17:10:18.53 | +40:41:23.8 | 0.014 | 17.2 | 29.9 | 1415 | e |
| HIP 84027 | 17086+2739 | 17103707+2735302 | M7 | 17:10:37.07 | +27:35:30.3 | 17:10:37.07 | +27:35:30.2 | 0.117 | -5.3 | 28.2 | 1231 | e |
| PPM 787044 | 17079-7405 | 17141621-7408546 | M6 | 17:14:16.23 | -74:08:54.8 | 17:14:16.22 | -74:08:54.7 | 0.088 | -7.6 | -16.0 | 2589 | e |
| HIP 84329 | 17126+3625 | 17142454+3622045 | M5e | 17:14:24.54 | +36:22:04.5 | 17:14:24.54 | +36:22:04.5 | 0.051 | 5.3 | -9.8 | 1026 | e |
| HIP 84346 | 17123+1107 | 17143978+1104100 | M8 | 17:14:39.78 | +11:04:10.0 | 17:14:39.79 | +11:04:10.1 | 0.143 | 6.0 | 8.0 | 2464 | b e |
| HIP 84780 | 17172+0211 | 17194650+0208223 | M3 | 17:19:46.50 | +02:08:22.3 | 17:19:46.50 | +02:08:22.3 | 0.018 | 23.9 | 23.3 | 2050 | b |
| HIP 85258 | 17211-5529 | 17251796-5531477 | K3Ib-II | 17:25:17.99 | -55:31:47.6 | 17:25:17.96 | -55:31:47.8 | 0.309 | -8.2 | -24.7 | 1459 | b |
| KT Her | 17296+3231 | 17312879+3229525 | M6e | 17:31:28.80 | +32:29:52.6 | 17:31:28.80 | +32:29:52.6 | 0.044 | 0.0 | 0.0 | 1258 | e |
| HIP 85820 | 17282-5102 | 17321048-5104266 | M... | 17:32:10.49 | -51:04:26.8 | 17:32:10.48 | -51:04:26.7 | 0.138 | 9.5 | -8.2 | 1786 | b e |
| HD 160540 | 17361+5746 | 17370011+5744252 | M8 | 17:37:00.12 | +57:44:25.3 | 17:37:00.12 | +57:44:25.2 | 0.087 | 3.6 | -13.9 | 4208 | e |
| HIP 87538 | 17504-0234 | 17530332-0234458 | M... | 17:53:03.32 | -02:34:45.7 | 17:53:03.32 | -02:34:45.8 | 0.169 | -41.1 | -40.5 | 2629 | b e |
| PPM 787209 | 17505-7021 | 17562064-7021441 | - | 17:56:20.63 | -70:21:44.3 | 17:56:20.64 | -70:21:44.1 | 0.211 | 3.5 | 5.8 | 1837 | m e |
| HIP 87833 | 17554+5129 | 17563637+5129197 | K5III | 17:56:36.37 | +51:29:20.0 | 17:56:36.37 | +51:29:19.8 | 0.233 | -8.5 | -23.1 | 3380 | m |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 87850 | 17553+4521 | 17564852+4521027 | M5II-III | 17:56:48.53 | +45:21:03.1 | 17:56:48.52 | +45:21:02.8 | 0.273 | 15.4 | -31.5 | 1719 | |
| HIP 88832 | 18064+4212 | 18075899+4213257 | M1... | 18:07:58.99 | +42:13:25.6 | 18:07:58.99 | +42:13:25.7 | 0.131 | -3.2 | -1.0 | 1617 | e |
| 2MASS J18092467+3446192 | 18076+3445 | 18092467+3446192 | - | 18:09:24.68 | +34:46:19.3 | 18:09:24.68 | +34:46:19.3 | 0.009 | 0.0 | 0.0 | 2706 | e |
| 2MASS J18114749+3128199 | 18099+3127 | 18114749+3128199 | - | 18:11:47.50 | +31:28:20.0 | 18:11:47.50 | +31:28:20.0 | 0.062 | 0.0 | 0.0 | 1542 | e |
| HIP 89642 | 18142-3646 | 18173763-3645418 | M3.5III | 18:17:37.64 | -36:45:42.1 | 18:17:37.63 | -36:45:41.8 | 0.269 | -129.3 | -166.6 | 4570 | b m |
| HD 168829 | 18186+3143 | 18203030+3145213 | M... | 18:20:30.28 | +31:45:21.3 | 18:20:30.30 | +31:45:21.3 | 0.254 | 3.7 | -1.3 | 3315 | e |
| HIP 90883 | 18306+3657 | 18322009+3659555 | C... | 18:32:20.08 | +36:59:55.6 | 18:32:20.09 | +36:59:55.5 | 0.242 | -6.2 | -3.5 | 3059 | |
| HIP 91373 | 18364+3937 | 18380648+3940061 | M4Iab: | 18:38:06.48 | +39:40:06.0 | 18:38:06.48 | +39:40:06.1 | 0.150 | 6.7 | 8.6 | 1864 | |
| HIP 91781 | 18399-1920 | 18425510-1917030 | M4III | 18:42:55.10 | -19:17:03.2 | 18:42:55.10 | -19:17:03.1 | 0.122 | -12.6 | -33.3 | 2358 | b |
| HIP 92791 | 18527+3650 | 18543027+3653551 | M4II | 18:54:30.28 | +36:53:55.0 | 18:54:30.28 | +36:53:55.1 | 0.130 | -6.7 | 3.3 | 4290 | m |
| HD 177567 | 19039-4839 | 19074183-4834292 | M5/M6 | 19:07:41.83 | -48:34:29.1 | 19:07:41.83 | -48:34:29.2 | 0.108 | 4.4 | -14.5 | 2886 | e |
| HIP 94162 | 19098+6601 | 19100236+6606101 | M... | 19:10:02.34 | +66:06:10.0 | 19:10:02.36 | +66:06:10.1 | 0.214 | 5.7 | 31.7 | 2385 | m e |
| HIP 94438 | 19118+4653 | 19131555+4658558 | M5IIIe | 19:13:15.52 | +46:58:55.8 | 19:13:15.55 | +46:58:55.8 | 0.315 | 7.9 | -8.1 | 1363 | e |
| HIP 94730 | 19132-3336 | 19163275-3331204 | G0Iab:pe... | 19:16:32.77 | -33:31:20.3 | 19:16:32.76 | -33:31:20.4 | 0.138 | 10.3 | -0.4 | 2719 | b |
| HIP 95176 | 19188-1603 | 19214363-1557181 | F2p | 19:21:43.62 | -15:57:17.7 | 19:21:43.63 | -15:57:18.2 | 0.520 | 1.8 | -6.3 | 4298 | b |
| HIP 95902 | 19287+4602 | 19301285+4608520 | M4 | 19:30:12.85 | +46:08:52.1 | 19:30:12.86 | +46:08:52.0 | 0.092 | 46.5 | -4.9 | 2824 | b e |
| HIP 96204 | 19312+0521 | 19334603+0527565 | M8V | 19:33:46.03 | +05:27:56.5 | 19:33:46.04 | +05:27:56.5 | 0.084 | -5.1 | -23.7 | 1691 | b |
| HD 183847 | 19309-6252 | 19352788-6245328 | M7III | 19:35:27.90 | -62:45:33.1 | 19:35:27.88 | -62:45:32.8 | 0.248 | 18.3 | -48.9 | 2510 | e |
| HIP 96647 | 19369+2823 | 19385776+2830467 | M7e | 19:38:57.74 | +28:30:46.6 | 19:38:57.76 | +28:30:46.7 | 0.320 | 6.0 | -7.0 | 1886 | b e |
| HD 184956 | 19355-5258 | 19392866-5251236 | M6 | 19:39:28.66 | -52:51:23.8 | 19:39:28.67 | -52:51:23.7 | 0.158 | 16.8 | -45.5 | 1030 | e |
| HIP 97278 | 19438+1029 | 19461557+1036475 | K3II | 19:46:15.58 | +10:36:47.6 | 19:46:15.58 | +10:36:47.6 | 0.162 | 15.7 | -3.1 | 1732 | b m |
| HD 187336 | 19498-7140 | 19552184-7132472 | M5/M6III | 19:55:21.83 | -71:32:47.4 | 19:55:21.85 | -71:32:47.3 | 0.117 | 10.8 | -0.6 | 1133 | e |
| HIP 98077 | 19528-2919 | 19555643-2911238 | M5e | 19:55:56.43 | -29:11:24.1 | 19:55:56.44 | -29:11:23.9 | 0.246 | -19.9 | -6.4 | 4695 | b e |
| HIP 98424 | 19585+5200 | 19595379+5208593 | M3 | 19:59:53.79 | +52:08:59.4 | 19:59:53.79 | +52:08:59.3 | 0.075 | 4.0 | 7.5 | 1776 | b e |
| HIP 98438 | 19577+1722 | 20000332+1730594 | M4III | 20:00:03.31 | +17:30:59.4 | 20:00:03.33 | +17:30:59.4 | 0.265 | 1.7 | -12.2 | 1102 | b m |
| RR Tel | 20003-5552 | 20041854-5543331 | F5pev | 20:04:18.54 | -55:43:33.2 | 20:04:18.55 | -55:43:33.2 | 0.070 | 8.8 | -1.7 | 1483 | e |
| HIP 99802 | 20125+0856 | 20145514+0905208 | M5e | 20:14:55.14 | +09:05:21.0 | 20:14:55.14 | +09:05:20.9 | 0.166 | -9.5 | -20.1 | 1056 | b e |
| HIP 99990 | 20141-2128 | 20170651-2119043 | CII... | 20:17:06.53 | -21:19:04.5 | 20:17:06.52 | -21:19:04.3 | 0.268 | 7.3 | -13.7 | 2180 | b m |
| HIP 100033 | 20144-3916 | 20174365-3906460 | M5e | 20:17:43.65 | -39:06:46.0 | 20:17:43.65 | -39:06:46.0 | 0.072 | -4.1 | -14.5 | 1302 | |
| HIP 100154 | 20161-1600 | 20185720-1551280 | M4III | 20:18:57.20 | -15:51:28.0 | 20:18:57.20 | -15:51:28.0 | 0.011 | 43.9 | -13.1 | 1752 | b e |
| HD 193026 | 20165-5051 | 20201427-5042113 | M7III | 20:20:14.28 | -50:42:11.5 | 20:20:14.27 | -50:42:11.4 | 0.132 | 17.9 | -27.6 | 2838 | e |
| HIP 101056 | 20268+1606 | 20290969+1616249 | M7 | 20:29:09.69 | +16:16:25.1 | 20:29:09.70 | +16:16:24.9 | 0.196 | 49.0 | -1.2 | 1734 | e |
| HIP 101079 | 20270+0943 | 20292636+0953522 | M7 | 20:29:26.35 | +09:53:52.2 | 20:29:26.36 | +09:53:52.3 | 0.140 | -13.4 | -12.3 | 1143 | b e |
| HIP 101162 | 20276-0455 | 20301846-0445166 | M6 | 20:30:18.47 | -04:45:16.7 | 20:30:18.47 | -04:45:16.6 | 0.074 | -9.6 | -18.2 | 2459 | e |
| HIP 101810 | 20356+1805 | 20375472+1816068 | M6III | 20:37:54.73 | +18:16:06.9 | 20:37:54.72 | +18:16:06.8 | 0.095 | 36.2 | 61.2 | 4233 | |
| NSV 13190 | 20359-3806 | 20391160-3755479 | - | 20:39:11.59 | -37:55:48.1 | 20:39:11.60 | -37:55:48.0 | 0.157 | -5.5 | -1.2 | 3721 | e |
| W Aqr | 20438-0415 | 20462508-0405005 | M6 | 20:46:25.07 | -04:05:00.4 | 20:46:25.09 | -04:05:00.5 | 0.265 | 0.9 | -12.0 | 2084 | e |
| HIP 102546 | 20443+0215 | 20464936+0226152 | M6e | 20:46:49.36 | +02:26:15.2 | 20:46:49.37 | +02:26:15.2 | 0.086 | -6.8 | 5.0 | 2087 | b |
| HIP 102624 | 20451-0512 | 20474422-0501395 | M3III | 20:47:44.24 | -05:01:39.7 | 20:47:44.23 | -05:01:39.5 | 0.203 | -3.3 | -40.2 | 1404 | |
| HIP 102720 | 20466+2248 | 20485118+2259386 | M3 | 20:48:51.19 | +22:59:39.0 | 20:48:51.19 | +22:59:38.6 | 0.318 | 19.7 | -5.9 | 1899 | b |
| HIP 102770 | 20467-0044 | 20491723-0033480 | M3 | 20:49:17.24 | -00:33:48.0 | 20:49:17.24 | -00:33:48.1 | 0.083 | -26.8 | -25.4 | 2216 | e |
| HD 199003 | 20526-5431 | 20562326-5419270 | M6e | 20:56:23.26 | -54:19:26.9 | 20:56:23.27 | -54:19:27.1 | 0.243 | 2.8 | -5.5 | 2991 | e |
| HIP 103933 | 21012+2347 | 21032978+2359467 | M3 | 21:03:29.78 | +23:59:46.5 | 21:03:29.79 | +23:59:46.7 | 0.229 | -2.0 | -10.8 | 1608 | b m |
| HIP 104130 | 21037+3000 | 21054915+3013022 | M0 | 21:05:49.15 | +30:13:02.0 | 21:05:49.15 | +30:13:02.3 | 0.252 | 12.0 | -18.0 | 1205 | b e |
| HIP 104719 | 21115+5953 | 21124723+6005527 | M2Iab: | 21:12:47.25 | +60:05:52.8 | 21:12:47.24 | +60:05:52.7 | 0.095 | -2.4 | -3.8 | 3254 | b e |
| HIP 106044 | 21243-6943 | 21284492-6930193 | M5III | 21:28:44.92 | -69:30:19.4 | 21:28:44.93 | -69:30:19.3 | 0.055 | 82.3 | -46.4 | 2727 | |
| HIP 106062 | 21267+2157 | 21285978+2210460 | M4.5III | 21:28:59.78 | +22:10:46.0 | 21:28:59.78 | +22:10:46.0 | 0.102 | 33.2 | 13.1 | 1620 | m |
| HIP 106544 | 21321+0136 | 21344276+0149447 | M3 | 21:34:42.77 | +01:49:45.0 | 21:34:42.77 | +01:49:44.8 | 0.221 | 13.2 | -11.4 | 1053 | |
| PPM 181320 | 21377-0200 | 21401982-0147098 | M5 | 21:40:19.82 | -01:47:09.9 | 21:40:19.82 | -01:47:09.8 | 0.108 | 4.5 | -3.3 | 3049 | e |
| HIP 107140 | 21402+4532 | 21420835+4545562 | M4III: | 21:42:08.35 | +45:45:56.5 | 21:42:08.36 | +45:45:56.3 | 0.248 | 0.6 | -19.8 | 1014 | b |
| HIP 107315 | 21417+0938 | 21441114+0952302 | K2Ib | 21:44:11.16 | +09:52:30.0 | 21:44:11.15 | +09:52:30.2 | 0.237 | 30.0 | 1.4 | 2273 | m |
| HIP 107390 | 21426+1228 | 21450460+1241550 | M0 | 21:45:04.60 | +12:41:55.0 | 21:45:04.60 | +12:41:55.1 | 0.146 | -8.2 | -12.5 | 2391 | e |
| HIP 108317 | 21552+6323 | 21563917+6337319 | M2Iape+... | 21:56:39.14 | +63:37:32.0 | 21:56:39.17 | +63:37:31.9 | 0.198 | -0.3 | -3.8 | 2007 | b m |
| HIP 108844 | 22003-0010 | 22025635+0004114 | M8 | 22:02:56.36 | 00:04:11.6 | 22:02:56.36 | 00:04:11.5 | 0.135 | 44.5 | -1.4 | 1076 | e |
| HIP 110130 | 22150-6030 | 22183009-6015345 | K3III | 22:18:30.09 | -60:15:34.5 | 22:18:30.10 | -60:15:34.5 | 0.035 | -71.5 | -38.1 | 1265 | |
| HIP 110256 | 22145-8041 | 22200163-8026228 | M5III | 22:20:01.68 | -80:26:23.1 | 22:20:01.64 | -80:26:22.8 | 0.306 | 56.4 | -42.8 | 3611 | |
| HIP 110396 | 22190-0751 | 22214181-0736300 | M... | 22:21:41.80 | -07:36:30.1 | 22:21:41.82 | -07:36:30.0 | 0.269 | -16.6 | -11.4 | 3903 | b e |
| HIP 110569 | 22216+3100 | 22235639+3115421 | M3 | 22:23:56.39 | +31:15:42.3 | 22:23:56.39 | +31:15:42.2 | 0.115 | 6.8 | 0.3 | 1277 | e |
| HIP 111022 | 22274+4726 | 22293182+4742247 | M0II+... | 22:29:31.82 | +47:42:24.8 | 22:29:31.82 | +47:42:24.8 | 0.028 | -0.6 | -3.4 | 1127 | b m |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 111043 | 22267-4400 | 22294541-4344568 | M4.5IIIa | 22:29:45.43 | -43:44:57.2 | 22:29:45.41 | -43:44:56.9 | 0.409 | -14.9 | 1.8 | 2583 | | m | |
| GM Peg | 22280+1250 | 22302828+1306181 | M8 | 22:30:28.28 | +13:06:18.2 | 22:30:28.28 | +13:06:18.1 | 0.108 | 13.4 | -1.2 | 1379 | | | e |
| HIP 111310 | 22296-6214 | 22330007-6158555 | M4III | 22:33:00.06 | -61:58:55.6 | 22:33:00.07 | -61:58:55.6 | 0.109 | 40.8 | -20.1 | 1386 | | | |
| HIP 111385 | 22315+2418 | 22335833+2433539 | M... | 22:33:58.33 | +24:33:54.0 | 22:33:58.34 | +24:33:54.0 | 0.081 | 0.6 | 0.5 | 2530 | | | |
| PPM 240550 | 22359-1417 | 22383461-1402143 | M7 | 22:38:34.62 | -14:02:14.5 | 22:38:34.62 | -14:02:14.3 | 0.123 | 5.4 | 2.2 | 1873 | | m | e |
| HIP 112155 | 22406+2753 | 22425896+2809256 | M8 | 22:42:58.97 | +28:09:25.6 | 22:42:58.97 | +28:09:25.7 | 0.076 | 43.6 | -7.8 | 1150 | | | e |
| HIP 112680 | 22466+2705 | 22490454+2721287 | M3 | 22:49:04.55 | +27:21:28.7 | 22:49:04.55 | +27:21:28.8 | 0.065 | -1.7 | 4.9 | 2183 | | | e |
| HD 216300 | 22494-2534 | 22520892-2518070 | M6 | 22:52:08.93 | -25:18:07.1 | 22:52:08.93 | -25:18:07.0 | 0.140 | 3.2 | -26.3 | 1759 | | | e |
| HIP 113390 | 22553+1744 | 22575177+1801005 | M9 | 22:57:51.77 | +18:01:00.8 | 22:57:51.77 | +18:01:00.6 | 0.205 | 18.4 | -13.7 | 1014 | | | e |
| HD 217921 | 23013+3735 | 23034380+3751135 | M7 | 23:03:43.81 | +37:51:13.6 | 23:03:43.81 | +37:51:13.6 | 0.105 | 6.4 | 1.5 | 4902 | | | e |
| HIP 114318 | 23063-3024 | 23090554-3008021 | M6III | 23:09:05.56 | -30:08:02.1 | 23:09:05.55 | -30:08:02.1 | 0.186 | -3.5 | -5.7 | 3870 | | | e |
| HIP 114347 | 23070+0824 | 23093145+0840379 | M4IIIs+... | 23:09:31.46 | +08:40:37.8 | 23:09:31.45 | +08:40:37.9 | 0.175 | 3.7 | -4.5 | 1840 | | m | |
| HIP 114404 | 23077+3329 | 23100887+3346040 | M3 | 23:10:08.87 | +33:46:04.1 | 23:10:08.88 | +33:46:04.0 | 0.133 | 24.7 | -34.7 | 1572 | | | |
| HIP 114489 | 23086+0443 | 23111406+0500156 | M3 | 23:11:14.07 | +05:00:15.6 | 23:11:14.07 | +05:00:15.6 | 0.124 | 3.7 | -2.4 | 1800 | | m | |
| HIP 114507 | 23092+5236 | 23113008+5253125 | M6II | 23:11:30.07 | +52:53:12.5 | 23:11:30.09 | +52:53:12.5 | 0.180 | -6.7 | -3.9 | 1815 | b | | e |
| HIP 114917 | 23134-7031 | 23163786-7015035 | M7III | 23:16:37.83 | -70:15:03.7 | 23:16:37.87 | -70:15:03.6 | 0.232 | 43.6 | 1.9 | 3341 | | | |
| HIP 114930 | 23142+1019 | 23164791+1035565 | M8 | 23:16:47.89 | +10:35:56.6 | 23:16:47.91 | +10:35:56.6 | 0.283 | 24.0 | -11.5 | 1205 | | | |
| HIP 114939 | 23142-0759 | 23165094-0743357 | M3III | 23:16:50.94 | -07:43:35.8 | 23:16:50.94 | -07:43:35.8 | 0.343 | -18.7 | -15.4 | 1522 | | | |
| HIP 115242 | 23180+0838 | 23203261+0855077 | M6e | 23:20:32.61 | +08:55:08.1 | 23:20:32.62 | +08:55:07.7 | 0.424 | -18.6 | -19.6 | 1285 | | | e |
| HD 220292 | 23201-1105 | 23224535-1049005 | M8 | 23:22:45.36 | -10:49:00.1 | 23:22:45.36 | -10:49:00.5 | 0.441 | 22.4 | -6.2 | 2185 | | | |
| HIP 116264 | 23309+2213 | 23332809+2229560 | M5III | 23:33:28.09 | +22:29:55.6 | 23:33:28.10 | +22:29:56.0 | 0.456 | 9.5 | -17.5 | 1459 | | | |
| HIP 117591 | 23483+4713 | 23505180+4730284 | M5.5III | 23:50:51.80 | +47:30:28.5 | 23:50:51.81 | +47:30:28.4 | 0.140 | 4.6 | 3.0 | 1384 | | m | e |
| HIP 117887 | 23522-0010 | 23544661+0006334 | M5III | 23:54:46.62 | 00:06:33.5 | 23:54:46.61 | 00:06:33.5 | 0.130 | -40.9 | -14.6 | 1043 | b | | |
| HIP 118131 | 23551+2451 | 23574554+2508289 | M3III | 23:57:45.53 | +25:08:28.9 | 23:57:45.54 | +25:08:28.9 | 0.225 | -36.1 | -32.2 | 1071 | | m | |
| HIP 118249 | 23564-5651 | 23590457-5634323 | M6IIIe | 23:59:04.57 | -56:34:32.3 | 23:59:04.57 | -56:34:32.3 | 0.039 | 5.9 | -11.7 | 3129 | | | e |
| HIP 344 | 00017+3949 | 00042008+4006356 | M6.5e | 00:04:20.07 | +40:06:35.8 | 00:04:20.08 | +40:06:35.6 | 0.216 | -4.2 | -2.8 | 603 | | | e |
| HIP 536 | 00039+2648 | 00062928+2705245 | M3 | 00:06:29.27 | +27:05:24.4 | 00:06:29.28 | +27:05:24.6 | 0.241 | -1.4 | -11.8 | 621 | | | e |
| HIP 882 | 00081+3157 | 00104720+3214334 | M... | 00:10:47.20 | +32:14:33.3 | 00:10:47.20 | +32:14:33.4 | 0.151 | 10.5 | 1.0 | 959 | | | |
| HIP 893 | 00084-1851 | 00105796-1834224 | M3III | 00:10:57.95 | -18:34:22.6 | 00:10:57.96 | -18:34:22.4 | 0.257 | -19.0 | -37.5 | 718 | | | e |
| HIP 1158 | 00119-0803 | 00142762-0746498 | M3III | 00:14:27.63 | -07:46:49.9 | 00:14:27.63 | -07:46:49.9 | 0.063 | 61.0 | 2.4 | 688 | | m | |
| HIP 1168 | 00120+1955 | 00143615+2012240 | M2III | 00:14:36.16 | +20:12:24.1 | 00:14:36.15 | +20:12:24.1 | 0.173 | 90.7 | 1.9 | 609 | | | |
| HIP 1170 | 00121-1912 | 00143841-1855583 | M1III | 00:14:38.42 | -18:55:58.3 | 00:14:38.42 | -18:55:58.3 | 0.020 | -27.1 | -73.8 | 932 | | | |
| HIP 2899 | 00339+4840 | 00364544+4857079 | M5 | 00:36:45.44 | +48:57:07.9 | 00:36:45.44 | +48:57:07.9 | 0.028 | 5.3 | 6.8 | 681 | b | | |
| HIP 3129 | 00371+1355 | 00394599+1412013 | M8 | 00:39:46.00 | +14:12:01.2 | 00:39:46.00 | +14:12:01.3 | 0.105 | -1.8 | -10.1 | 655 | | | e |
| HIP 3632 | 00439+1512 | 00463294+1528320 | M4IIIa | 00:46:32.96 | +15:28:31.8 | 00:46:32.94 | +15:28:32.0 | 0.326 | -29.4 | -44.2 | 919 | | | |
| HIP 4317 | 00525+2417 | 00551467+2433253 | M4III | 00:55:14.67 | +24:33:25.4 | 00:55:14.67 | +24:33:25.4 | 0.070 | 23.5 | -14.1 | 535 | | | |
| HIP 8034 | 01400+4815 | 01431110+4831002 | M2Ib | 01:43:11.11 | +48:31:00.4 | 01:43:11.11 | +48:31:00.2 | 0.151 | -0.7 | -4.6 | 716 | | | e |
| HIP 8574 | 01481-1753 | 01503395-1739007 | M5 | 01:50:33.96 | -17:39:00.3 | 01:50:33.96 | -17:39:00.7 | 0.388 | -3.5 | -11.4 | 733 | | | e |
| HIP 8682 | 01487+3853 | 01514321+3908262 | M8 | 01:51:43.21 | +39:08:26.3 | 01:51:43.21 | +39:08:26.3 | 0.026 | 4.3 | -9.9 | 640 | | | e |
| HIP 9347 | 01576-2119 | 02000030-2104400 | K7III | 02:00:00.31 | -21:04:40.2 | 02:00:00.30 | -21:04:40.1 | 0.145 | 133.0 | -24.5 | 977 | | | |
| HIP 9767 | 02039-5722 | 02053420-5708388 | M7e | 02:05:34.19 | -57:08:39.0 | 02:05:34.21 | -57:08:38.8 | 0.236 | 23.3 | 1.5 | 922 | | | e |
| HIP 10248 | 02110-7143 | 02114890-7129023 | M6III: | 02:11:48.91 | -71:29:02.3 | 02:11:48.91 | -71:29:02.3 | 0.266 | -9.5 | -10.1 | 956 | | | |
| HIP 11272 | 02221+3338 | 02251003+3352001 | M5: | 02:25:10.03 | +33:52:00.3 | 02:25:10.04 | +33:52:00.2 | 0.143 | 4.2 | -3.1 | 537 | | | |
| HIP 11648 | 02287-5801 | 02301555-5748340 | M4/M5III | 02:30:15.56 | -57:48:33.9 | 02:30:15.56 | -57:48:34.1 | 0.135 | 36.4 | 24.7 | 517 | | | |
| HIP 12086 | 02327+3428 | 02354681+3441152 | M3III | 02:35:46.81 | +34:41:15.2 | 02:35:46.82 | +34:41:15.3 | 0.102 | 19.6 | -51.2 | 587 | | m | |
| HIP 14456 | 03040-0616 | 03063349-0605184 | M3III | 03:06:33.49 | -06:05:18.8 | 03:06:33.50 | -06:05:18.5 | 0.348 | 7.1 | -5.1 | 673 | | m | |
| HIP 15926 | 03227-1231 | 03250934-1221185 | M3/M4III | 03:25:09.33 | -12:21:18.8 | 03:25:09.34 | -12:21:18.5 | 0.265 | -4.7 | -17.8 | 559 | | | e |
| HIP 17593 | 03437-1215 | 03460854-1206056 | M1III | 03:46:08.54 | -12:06:05.7 | 03:46:08.54 | -12:06:05.6 | 0.145 | 55.6 | 60.0 | 846 | | | |
| HIP 18597 | 03579-6132 | 03584475-6124008 | M2III | 03:58:44.75 | -61:24:00.7 | 03:58:44.76 | -61:24:00.8 | 0.158 | 9.8 | -14.4 | 625 | | | |
| HIP 19717 | 04111-1030 | 04132963-1023138 | M6III: | 04:13:29.62 | -10:23:13.8 | 04:13:29.63 | -10:23:13.8 | 0.140 | -4.0 | -32.4 | 955 | | | e |
| HIP 20075 | 04160-2050 | 04181607-2042547 | M4III | 04:18:16.08 | -20:42:54.9 | 04:18:16.07 | -20:42:54.8 | 0.178 | 4.8 | 19.2 | 709 | | | |
| HIP 20535 | 04221-3407 | 04240221-3401006 | K4III | 04:24:02.22 | -34:01:00.6 | 04:24:02.21 | -34:01:00.6 | 0.084 | 73.8 | 57.6 | 612 | | | |
| HIP 21296 | 04317-0820 | 04341163-0813529 | M3III | 04:34:11.63 | -08:13:52.9 | 04:34:11.63 | -08:13:52.9 | 0.065 | -22.4 | 2.9 | 628 | | | |
| HIP 23453 | 04589+4100 | 05022869+4104329 | K4Ib-II+... | 05:02:28.69 | +41:04:33.0 | 05:02:28.70 | +41:04:32.9 | 0.121 | 8.9 | -21.4 | 993 | b | m | |
| HIP 23840 | 05071-6327 | 05073402-6323589 | M3III | 05:07:34.03 | -63:23:58.8 | 05:07:34.02 | -63:23:59.0 | 0.123 | 12.6 | -44.7 | 847 | | | |
| HIP 24441 | 05120-0037 | 05143695-0033463 | M6V | 05:14:36.95 | -00:33:46.2 | 05:14:36.95 | -00:33:46.3 | 0.125 | 17.7 | -4.0 | 754 | b | | |
| HIP 24549 | 05121+4929 | 05155787+4932473 | M4II | 05:15:57.88 | +49:32:47.3 | 05:15:57.87 | +49:32:47.3 | 0.109 | 6.8 | -6.3 | 532 | b | | |
| HIP 24824 | 05174-3345 | 05191733-3342290 | M5e... | 05:19:17.33 | -33:42:29.1 | 05:19:17.34 | -33:42:29.0 | 0.097 | 24.5 | 11.3 | 872 | | | e |
| HIP 26169 | 05359-7346 | 05344480-7344284 | M3III | 05:34:44.78 | -73:44:28.6 | 05:34:44.81 | -73:44:28.4 | 0.211 | 0.1 | 37.1 | 684 | | | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 27229 | 05441-2339 | 05461397-2338396 | M4/M5III | 05:46:13.97 | -23:38:39.7 | 05:46:13.98 | -23:38:39.6 | 0.109 | 10.4 | 17.2 | 699 | |
| HIP 27628 | 05491-3546 | 05505760-3546062 | K1IIICN+1 | 05:50:57.59 | -35:46:05.9 | 05:50:57.61 | -35:46:06.2 | 0.366 | 55.7 | 404.7 | 513 | |
| TZ Cam | 05490+6300 | 05534530+6300500 | M8 | 05:53:45.32 | +63:00:50.3 | 05:53:45.30 | +63:00:50.0 | 0.335 | 0.7 | 20.0 | 896 | e |
| HIP 28984 | 06048-2148 | 06065751-2148441 | M3II/III | 06:06:57.51 | -21:48:44.3 | 06:06:57.52 | -21:48:44.2 | 0.129 | -6.1 | -3.7 | 839 | |
| HIP 29263 | 06085-4020 | 06101039-4021137 | M2II-III | 06:10:10.40 | -40:21:13.7 | 06:10:10.40 | -40:21:13.8 | 0.137 | -20.9 | 73.1 | 633 | |
| HIP 31484 | 06319+4539 | 06353709+4537228 | M5III | 06:35:37.09 | +45:37:23.1 | 06:35:37.10 | +45:37:22.8 | 0.247 | 7.7 | -11.5 | 629 | |
| HIP 32246 | 06408+2510 | 06435593+2507520 | G8Ib | 06:43:55.93 | +25:07:52.0 | 06:43:55.93 | +25:07:52.0 | 0.068 | -5.9 | -12.8 | 899 | b m |
| HIP 32558 | 06452-0856 | 06473722-0859548 | M1Iab: | 06:47:37.22 | -08:59:54.6 | 06:47:37.23 | -08:59:54.8 | 0.218 | -4.2 | -0.6 | 798 | b |
| HIP 32647 | 06413+7702 | 06483741+7659237 | M6 | 06:48:37.46 | +76:59:24.1 | 06:48:37.41 | +76:59:23.7 | 0.365 | -0.3 | -39.6 | 515 | |
| HIP 32768 | 06486-5033 | 06495616-5036523 | K1III | 06:49:56.17 | -50:36:52.4 | 06:49:56.16 | -50:36:52.4 | 0.051 | 34.2 | -65.8 | 690 | |
| HIP 33040 | 06509-2653 | 06530029-2657275 | M4III | 06:53:00.30 | -26:57:27.5 | 06:53:00.30 | -26:57:27.5 | 0.047 | -9.4 | -65.3 | 897 | b m |
| HIP 33100 | 06490+6104 | 06533804+6100559 | M6 | 06:53:38.06 | +61:00:56.1 | 06:53:38.04 | +61:00:55.9 | 0.189 | -4.5 | -8.5 | 686 | |
| HIP 33357 | 06549-4839 | 06561600-4843158 | M1III | 06:56:15.99 | -48:43:16.1 | 06:56:16.00 | -48:43:15.8 | 0.292 | 1.6 | 8.4 | 626 | |
| HIP 33550 | 06556+0614 | 06582149+0610017 | CII... | 06:58:21.49 | +06:10:01.5 | 06:58:21.49 | +06:10:01.7 | 0.161 | -4.6 | 10.4 | 959 | b |
| HIP 33779 | 06596-5119 | 07005148-5124092 | M1III | 07:00:51.48 | -51:24:09.3 | 07:00:51.49 | -51:24:09.2 | 0.073 | -21.6 | 20.1 | 500 | |
| HIP 33824 | 06571+5524 | 07011801+5519497 | Se... | 07:01:18.01 | +55:19:49.8 | 07:01:18.02 | +55:19:49.7 | 0.068 | -2.6 | -1.4 | 635 | |
| HIP 33929 | 06595+1749 | 07022553+1745198 | M1 | 07:02:25.53 | +17:45:19.9 | 07:02:25.53 | +17:45:19.9 | 0.051 | 21.0 | 27.1 | 602 | b |
| HIP 34444 | 07063-2618 | 07082348-2623354 | F8Iab: | 07:08:23.48 | -26:23:35.4 | 07:08:23.48 | -26:23:35.4 | 0.113 | -2.8 | 3.3 | 794 | b m |
| HIP 34912 | 07094+5130 | 07132340+5125432 | M3III | 07:13:23.40 | +51:25:43.5 | 07:13:23.40 | +51:25:43.3 | 0.221 | 8.2 | 13.4 | 588 | |
| HIP 35120 | 07129+0803 | 07153942+0758398 | M4III | 07:15:39.43 | +07:58:39.9 | 07:15:39.42 | +07:58:39.9 | 0.143 | 23.6 | 2.2 | 527 | |
| HIP 35205 | 07145-2747 | 07163498-2752521 | M3III | 07:16:34.99 | -27:52:52.2 | 07:16:34.99 | -27:52:52.2 | 0.105 | -12.5 | 38.8 | 892 | b |
| HIP 36962 | 07328+2700 | 07355535+2653448 | M0III | 07:35:55.35 | +26:53:44.7 | 07:35:55.36 | +26:53:44.9 | 0.287 | -39.6 | -108.1 | 822 | b m |
| HIP 37438 | 07382+2032 | 07410853+2025443 | M8 | 07:41:08.52 | +20:25:44.3 | 07:41:08.53 | +20:25:44.4 | 0.112 | -3.3 | -7.5 | 753 | b |
| HIP 37521 | 07392+1419 | 07420322+1412305 | M3II-III | 07:42:03.22 | +14:12:30.6 | 07:42:03.23 | +14:12:30.5 | 0.155 | -1.0 | -10.8 | 607 | b |
| HIP 38406 | 07494+0324 | 07520718+0316385 | M4III | 07:52:07.19 | +03:16:38.4 | 07:52:07.19 | +03:16:38.5 | 0.095 | 49.1 | -79.0 | 564 | |
| PPM 190743 | 07508-0754 | 07531429-0802429 | M8 | 07:53:14.29 | -08:02:43.2 | 07:53:14.30 | -08:02:43.0 | 0.252 | -1.6 | 3.1 | 862 | e |
| HIP 39070 | 07587-6026 | 07593754-6035134 | M1.5IIa | 07:59:37.54 | -60:35:13.4 | 07:59:37.55 | -60:35:13.5 | 0.081 | -3.5 | 11.3 | 633 | b |
| HD 66245 | 07598-1252 | 08021111-1301058 | M6 | 08:02:11.12 | -13:01:05.6 | 08:02:11.12 | -13:01:05.8 | 0.195 | 4.4 | 3.0 | 955 | e |
| HIP 40526 | 08138+0920 | 08163090+0911080 | K4III | 08:16:30.92 | +09:11:08.0 | 08:16:30.90 | +09:11:08.0 | 0.246 | -46.8 | -48.6 | 925 | m |
| HIP 41075 | 08194+4320 | 08225014+4311171 | K4.5III | 08:22:50.11 | +43:11:17.3 | 08:22:50.14 | +43:11:17.1 | 0.392 | -25.6 | -99.4 | 589 | |
| HIP 41400 | 08239+1249 | 08264391+1239169 | M3III | 08:26:43.94 | +12:39:16.6 | 08:26:43.92 | +12:39:16.9 | 0.461 | -17.4 | -103.0 | 690 | |
| HIP 42975 | 08434-2801 | 08453071-2812027 | C | 08:45:30.70 | -28:12:02.8 | 08:45:30.71 | -28:12:02.7 | 0.149 | -6.1 | 6.0 | 726 | |
| HIP 43390 | 08580+6749 | 09023269+6737467 | M3III | 09:02:32.69 | +67:37:46.6 | 09:02:32.69 | +67:37:46.7 | 0.098 | -22.1 | 18.1 | 918 | |
| HIP 44481 | 09005+3856 | 09034711+3844315 | M3 | 09:03:47.11 | +38:44:31.7 | 09:03:47.12 | +38:44:31.5 | 0.184 | -17.9 | -19.7 | 889 | |
| HIP 44666 | 09019+6458 | 09060871+6446463 | M8 | 09:06:08.71 | +64:46:46.2 | 09:06:08.71 | +64:46:46.4 | 0.156 | -21.7 | -15.2 | 672 | e |
| HIP 45824 | 09180+0023 | 09203668+0010538 | M3 | 09:20:36.68 | 00:10:54.1 | 09:20:36.69 | 00:10:53.8 | 0.307 | 8.9 | -19.5 | 519 | |
| HIP 45902 | 09192-2545 | 09212958-2557556 | M0III | 09:21:29.59 | -25:57:55.6 | 09:21:29.59 | -25:57:55.7 | 0.118 | -12.3 | -9.2 | 690 | b |
| HIP 45915 | 09180+5654 | 09214328+5641570 | M4III | 09:21:43.29 | +56:41:57.2 | 09:21:43.28 | +56:41:57.0 | 0.161 | -10.6 | -11.9 | 969 | |
| HIP 46750 | 09288+2311 | 09314324+2258050 | K5III | 09:31:43.23 | +22:58:04.7 | 09:31:43.25 | +22:58:05.0 | 0.434 | -19.4 | -39.0 | 519 | b |
| HIP 47965 | 09429+5721 | 09463164+5707409 | M3III | 09:46:31.66 | +57:07:41.1 | 09:46:31.65 | +57:07:41.0 | 0.161 | 0.1 | 33.1 | 952 | |
| HIP 48540 | 09513+1029 | 09535828+1015320 | M7 | 09:53:58.28 | +10:15:31.9 | 09:53:58.28 | +10:15:32.1 | 0.216 | -36.8 | 10.7 | 506 | b |
| HIP 49029 | 09575+0817 | 10001281+0802391 | M2III | 10:00:12.81 | +08:02:39.2 | 10:00:12.81 | +08:02:39.1 | 0.110 | -30.1 | -22.1 | 663 | b |
| HIP 49950 | 10096-3504 | 10115381-3519292 | CII... | 10:11:53.82 | -35:19:29.0 | 10:11:53.82 | -35:19:29.3 | 0.242 | -1.5 | 0.4 | 887 | |
| HIP 50407 | 10155-4741 | 10173332-4756498 | M5/M6II/III | 10:17:33.33 | -47:56:50.1 | 10:17:33.33 | -47:56:49.9 | 0.183 | -13.7 | 8.5 | 611 | b |
| HIP 50456 | 10158-2844 | 10180758-2859308 | B9.5Ib-II | 10:18:07.59 | -28:59:31.2 | 10:18:07.59 | -28:59:30.8 | 0.365 | -15.4 | 10.8 | 932 | |
| HIP 51069 | 10236-1634 | 10260542-1650105 | K4III | 10:26:05.43 | -16:50:10.6 | 10:26:05.43 | -16:50:10.6 | 0.090 | -128.5 | -80.1 | 707 | |
| HIP 51839 | 10348-7820 | 10352809-7836283 | M0III | 10:35:28.11 | -78:36:28.0 | 10:35:28.09 | -78:36:28.4 | 0.341 | -38.0 | 11.5 | 774 | b |
| HIP 51979 | 10348-2709 | 10371372-2724457 | M2III | 10:37:13.72 | -27:24:45.5 | 10:37:13.73 | -27:24:45.7 | 0.227 | -113.0 | 21.5 | 574 | |
| HIP 52943 | 10471-1555 | 10493747-1611375 | K0/K1III | 10:49:37.49 | -16:11:37.1 | 10:49:37.48 | -16:11:37.5 | 0.415 | 92.8 | 199.0 | 742 | |
| HIP 53564 | 10537+7436 | 10572758+7420106 | M6 | 10:57:27.58 | +74:20:10.8 | 10:57:27.59 | +74:20:10.6 | 0.213 | 3.6 | -16.9 | 774 | |
| HIP 53940 | 10599-4050 | 11021385-4106509 | M4III | 11:02:13.85 | -41:06:51.0 | 11:02:13.85 | -41:06:51.0 | 0.075 | 16.5 | -32.1 | 675 | b |
| HIP 54522 | 11065+3634 | 11091910+3618336 | M3III | 11:09:19.08 | +36:18:33.8 | 11:09:19.10 | +36:18:33.6 | 0.314 | -44.0 | -22.8 | 851 | |
| HIP 54539 | 11068+4446 | 11093979+4429544 | K1III | 11:09:39.81 | +44:29:54.6 | 11:09:39.79 | +44:29:54.4 | 0.189 | -62.4 | -27.4 | 602 | |
| HIP 55173 | 11153-2152 | 11174710-2208449 | M6III | 11:17:47.10 | -22:08:45.1 | 11:17:47.11 | -22:08:45.0 | 0.198 | -14.1 | -26.2 | 787 | |
| HIP 55219 | 11157+3322 | 11182874+3305393 | K3III | 11:18:28.74 | +33:05:39.5 | 11:18:28.75 | +33:05:39.4 | 0.186 | -26.6 | 27.5 | 762 | m |
| HIP 55639 | 11213-1938 | 11235301-1954301 | M6III | 11:23:53.01 | -19:54:30.3 | 11:23:53.02 | -19:54:30.2 | 0.140 | -8.6 | -20.6 | 859 | e |
| HIP 56518 | 11327-4705 | 11351329-4722214 | M3III | 11:35:13.28 | -47:22:21.3 | 11:35:13.29 | -47:22:21.4 | 0.173 | -87.3 | -7.7 | 661 | b m |
| HIP 57380 | 11432+0648 | 11455155+0631456 | M1III | 11:45:51.56 | +06:31:45.8 | 11:45:51.56 | +06:31:45.6 | 0.117 | -19.6 | -180.0 | 988 | |
| HIP 59316 | 12075-2220 | 12100748-2237109 | K2III | 12:10:07.48 | -22:37:11.2 | 12:10:07.48 | -22:37:11.0 | 0.179 | -71.5 | 10.6 | 993 | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 60106 | 12170-1858 | 12193788-1915218 | M6e | 12:19:37.87 | -19:15:21.8 | 12:19:37.88 | -19:15:21.8 | 0.173 | -2.4 | -6.3 | 833 | |
| HIP 60180 | 12180+6135 | 12202735+6118346 | M3:III | 12:20:27.33 | +61:18:34.7 | 12:20:27.36 | +61:18:34.6 | 0.244 | -20.9 | -7.9 | 736 | e |
| HIP 60502 | 12215-3521 | 12241201-3538017 | M5III:e | 12:24:12.00 | -35:38:01.6 | 12:24:12.01 | -35:38:01.8 | 0.260 | -5.9 | -10.1 | 917 | e |
| HIP 60998 | 12279+6928 | 12300664+6912036 | M4III | 12:30:06.66 | +69:12:04.0 | 12:30:06.64 | +69:12:03.6 | 0.440 | -63.1 | -56.5 | 861 | |
| HIP 61532 | 12341+5945 | 12362346+5929128 | M4III:e | 12:36:23.47 | +59:29:13.0 | 12:36:23.47 | +59:29:12.8 | 0.167 | -14.7 | -7.2 | 566 | e |
| HIP 61667 | 12359+0715 | 12382993+0659190 | M4.5IIIe | 12:38:29.93 | +06:59:19.0 | 12:38:29.94 | +06:59:19.1 | 0.068 | -31.4 | 4.2 | 578 | |
| HIP 62985 | 12517-0915 | 12542117-0932204 | M3III | 12:54:21.16 | -09:32:20.4 | 12:54:21.17 | -09:32:20.5 | 0.135 | -18.3 | -19.7 | 999 | b |
| PPM 159442 | 13014+0720 | 13035579+0704051 | M8 | 13:03:55.82 | +07:04:05.8 | 13:03:55.79 | +07:04:05.1 | 0.766 | -37.2 | 22.0 | 944 | e |
| HIP 64768 | 13138+0646 | 13162393+0630165 | M6III | 13:16:23.93 | +06:30:16.6 | 13:16:23.94 | +06:30:16.5 | 0.146 | -17.4 | -52.5 | 608 | |
| HIP 64852 | 13150+0543 | 13173629+0528118 | M2III | 13:17:36.28 | +05:28:11.5 | 13:17:36.29 | +05:28:11.9 | 0.388 | -7.2 | 10.0 | 666 | |
| HIP 66006 | 13293-0559 | 13315789-0615209 | M2.5III | 13:31:57.89 | -06:15:20.9 | 13:31:57.89 | -06:15:20.9 | 0.113 | -103.8 | -43.4 | 820 | |
| HIP 66345 | 13333+0832 | 13355206+0817340 | M3 | 13:35:52.06 | +08:17:34.0 | 13:35:52.06 | +08:17:34.0 | 0.089 | -43.5 | 8.1 | 666 | |
| HIP 66738 | 13388+5456 | 13404429+5440540 | M2III | 13:40:44.27 | +54:40:53.9 | 13:40:44.30 | +54:40:54.0 | 0.233 | -19.1 | -11.4 | 804 | |
| HIP 66803 | 13389-0827 | 13413677-0842110 | M1.5III | 13:41:36.78 | -08:42:10.7 | 13:41:36.78 | -08:42:11.1 | 0.346 | -91.7 | 40.3 | 595 | b |
| HIP 67459 | 13470+1602 | 13492867+1547523 | K5.5III | 13:49:28.64 | +15:47:52.5 | 13:49:28.68 | +15:47:52.4 | 0.522 | -93.6 | 40.8 | 695 | |
| HIP 67984 | 13524-2611 | 13551931-2625572 | M5III | 13:55:19.31 | -26:25:57.4 | 13:55:19.32 | -26:25:57.2 | 0.228 | -48.6 | -68.8 | 820 | b |
| HIP 69269 | 14081-1604 | 14105047-1618072 | M1III | 14:10:50.49 | -16:18:07.3 | 14:10:50.47 | -16:18:07.2 | 0.187 | 3.8 | -10.9 | 659 | b |
| HIP 70236 | 14200+2935 | 14221402+2922117 | MIII | 14:22:14.00 | +29:22:11.7 | 14:22:14.03 | +29:22:11.7 | 0.342 | -38.8 | -26.3 | 962 | |
| HIP 71053 | 14296+3035 | 14314977+3022169 | K3III | 14:31:49.79 | +30:22:17.2 | 14:31:49.78 | +30:22:17.0 | 0.257 | -100.4 | 120.2 | 534 | m |
| HIP 71490 | 14349+2657 | 14371158+2644116 | M4e | 14:37:11.58 | +26:44:11.7 | 14:37:11.58 | +26:44:11.6 | 0.098 | -22.6 | 12.5 | 723 | |
| HIP 71995 | 14412+2644 | 14432536+2631402 | M3III | 14:43:25.36 | +26:31:40.3 | 14:43:25.36 | +26:31:40.3 | 0.033 | -13.3 | -16.7 | 925 | e |
| HIP 72105 | 14427+2717 | 14445925+2704272 | A0 | 14:44:59.21 | +27:04:27.4 | 14:44:59.25 | +27:04:27.3 | 0.486 | -44.1 | 13.0 | 913 | |
| HIP 72370 | 14415-7850 | 14475174-7902409 | K2.5III | 14:47:51.71 | -79:02:41.1 | 14:47:51.74 | -79:02:40.9 | 0.202 | -5.7 | -15.8 | 572 | m |
| HIP 73589 | 15004+3152 | 15023066+3141018 | M3 | 15:02:30.67 | +31:41:01.9 | 15:02:30.67 | +31:41:01.9 | 0.045 | -26.9 | 19.6 | 588 | b |
| HIP 73764 | 15014-4040 | 15044288-4051405 | M6III | 15:04:42.90 | -40:51:40.8 | 15:04:42.89 | -40:51:40.5 | 0.261 | -4.8 | -36.2 | 992 | |
| HIP 74386 | 15097+1909 | 15120427+1858337 | M4III | 15:12:04.26 | +18:58:33.7 | 15:12:04.28 | +18:58:33.8 | 0.190 | -16.4 | 11.4 | 659 | m |
| HIP 74558 | 15114-0142 | 15140146-0153110 | M5e | 15:14:01.45 | -01:53:11.0 | 15:14:01.46 | -01:53:11.0 | 0.257 | -35.0 | -6.2 | 831 | b |
| HIP 74633 | 15123-0213 | 15145769-0224529 | M7 | 15:14:57.69 | -02:24:53.1 | 15:14:57.69 | -02:24:52.9 | 0.237 | -5.7 | -32.1 | 516 | b |
| HIP 75458 | 15238+5908 | 15245578+5857577 | K2III | 15:24:55.77 | +58:57:57.8 | 15:24:55.79 | +58:57:57.7 | 0.143 | -8.3 | 17.3 | 532 | m |
| HIP 76075 | 15292-2342 | 15321514-2352489 | M4III | 15:32:15.14 | -23:52:48.6 | 15:32:15.15 | -23:52:48.9 | 0.307 | 17.8 | -2.5 | 919 | b |
| HIP 76844 | 15396+3842 | 15412622+3833266 | M3 | 15:41:26.23 | +38:33:26.6 | 15:41:26.22 | +38:33:26.6 | 0.059 | 19.8 | -32.0 | 711 | m |
| HIP 77284 | 15448+3828 | 15464372+3819206 | M8III: | 15:46:43.72 | +38:19:20.6 | 15:46:43.72 | +38:19:20.6 | 0.076 | 13.8 | -21.4 | 960 | e |
| HIP 77907 | 15529+4316 | 15543784+4308186 | M3V: | 15:54:37.85 | +43:08:18.8 | 15:54:37.84 | +43:08:18.7 | 0.187 | -33.3 | 66.1 | 506 | |
| HIP 79072 | 16060+0839 | 16082807+0832035 | M3.5IIIa | 16:08:28.08 | +08:32:03.5 | 16:08:28.08 | +08:32:03.6 | 0.090 | -13.6 | -6.2 | 617 | |
| HIP 79086 | 16061+0844 | 16083650+0836474 | M3 | 16:08:36.51 | +08:36:47.4 | 16:08:36.51 | +08:36:47.4 | 0.094 | -30.3 | -29.9 | 771 | m |
| HIP 80816 | 16280+2135 | 16301319+2129225 | G7IIIa | 16:30:13.20 | +21:29:22.6 | 16:30:13.19 | +21:29:22.5 | 0.115 | -98.4 | -14.5 | 508 | |
| HIP 81188 | 16342+6034 | 16350073+6028051 | M5 | 16:35:00.72 | +60:28:05.2 | 16:35:00.73 | +60:28:05.2 | 0.155 | -58.4 | 9.2 | 819 | e |
| HIP 82011 | 16425-0259 | 16451143-0305056 | M6III | 16:45:11.45 | -03:05:05.8 | 16:45:11.44 | -03:05:05.6 | 0.270 | -3.6 | -8.9 | 919 | b |
| HIP 82028 | 16431+1550 | 16452250+1544428 | M3III | 16:45:22.52 | +15:44:42.8 | 16:45:22.50 | +15:44:42.8 | 0.332 | 24.0 | -50.6 | 543 | |
| HIP 82172 | 16457+4219 | 16471974+4214200 | M4IIIa | 16:47:19.75 | +42:14:20.1 | 16:47:19.75 | +42:14:20.0 | 0.086 | 2.3 | -25.3 | 724 | |
| HIP 83430 | 17008+1409 | 17030786+1405310 | M3III | 17:03:07.87 | +14:05:31.0 | 17:03:07.86 | +14:05:31.1 | 0.155 | 26.0 | -63.2 | 688 | b |
| HIP 83462 | 17017+3528 | 17033021+3524505 | M4III | 17:03:30.22 | +35:24:50.6 | 17:03:30.21 | +35:24:50.6 | 0.022 | 29.0 | -43.2 | 588 | |
| HIP 84380 | 17133+3651 | 17150285+3648329 | K3Iab: | 17:15:02.83 | +36:48:33.0 | 17:15:02.85 | +36:48:32.9 | 0.204 | -27.4 | 2.7 | 972 | |
| HIP 85302 | 17236+1657 | 17255437+1655033 | A9III | 17:25:54.36 | +16:55:03.3 | 17:25:54.37 | +16:55:03.3 | 0.159 | -13.9 | 16.4 | 703 | m |
| HIP 85934 | 17314+1452 | 17334278+1450297 | M4III | 17:33:42.78 | +14:50:29.8 | 17:33:42.78 | +14:50:29.8 | 0.059 | 22.1 | -73.5 | 512 | b m |
| HIP 86742 | 17409+0435 | 17432835+0434022 | K2III | 17:43:28.35 | +04:34:02.3 | 17:43:28.35 | +04:34:02.3 | 0.032 | -40.7 | 158.8 | 814 | b |
| CW Dra | 17556+8039 | 17512509+8039033 | M7 | 17:51:25.10 | +80:39:03.3 | 17:51:25.10 | +80:39:03.3 | 0.054 | -7.1 | 0.6 | 945 | e |
| HIP 88657 | 18039+2212 | 18060191+2213078 | M3IIIa+... | 18:06:01.90 | +22:13:08.0 | 18:06:01.91 | +22:13:07.8 | 0.244 | -13.3 | -5.3 | 875 | |
| HIP 88722 | 18052+4326 | 18064749+4327066 | M... | 18:06:47.50 | +43:27:06.7 | 18:06:47.49 | +43:27:06.6 | 0.105 | -26.5 | -29.1 | 621 | |
| HIP 89172 | 18100+3123 | 18115416+3124192 | M3III | 18:11:54.16 | +31:24:19.3 | 18:11:54.17 | +31:24:19.3 | 0.130 | -14.5 | 25.2 | 796 | |
| HIP 89981 | 18202+4905 | 18213266+4907175 | M2III | 18:21:32.66 | +49:07:17.6 | 18:21:32.66 | +49:07:17.6 | 0.165 | -24.2 | 51.1 | 603 | |
| HIP 90496 | 18248-2527 | 18275824-2525175 | K0IV | 18:27:58.24 | -25:25:18.1 | 18:27:58.24 | -25:25:17.6 | 0.538 | -44.8 | -186.3 | 512 | b |
| HIP 91494 | 18359-4313 | 18393515-4311092 | M2III | 18:39:35.16 | -43:11:09.2 | 18:39:35.15 | -43:11:09.3 | 0.112 | -31.5 | -42.2 | 503 | b |
| HD 172706 | 18402-4717 | 18435941-4714530 | M5 | 18:43:59.42 | -47:14:53.3 | 18:43:59.41 | -47:14:53.1 | 0.242 | 6.8 | -0.9 | 985 | e |
| HIP 92237 | 18458+2444 | 18475383+2447431 | M8 | 18:47:53.84 | +24:47:43.5 | 18:47:53.84 | +24:47:43.2 | 0.280 | 4.3 | -1.2 | 624 | b |
| HIP 92335 | 18477+4727 | 18490789+4730568 | M... | 18:49:07.88 | +47:30:56.8 | 18:49:07.90 | +47:30:56.9 | 0.168 | -22.4 | -18.8 | 763 | |
| HM Lyr | 18505+3327 | 18522123+3331128 | M6 | 18:52:21.24 | +33:31:12.8 | 18:52:21.23 | +33:31:12.8 | 0.062 | 1.2 | -7.5 | 880 | e |
| HIP 92700 | 18516+4055 | 18531848+4059425 | M3 | 18:53:18.49 | +40:59:42.7 | 18:53:18.48 | +40:59:42.6 | 0.150 | -15.5 | 18.9 | 661 | |
| HIP 93989 | 19065+3904 | 19081318+3909173 | M3 | 19:08:13.19 | +39:09:17.6 | 19:08:13.19 | +39:09:17.4 | 0.178 | 1.7 | 3.0 | 776 | b |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 96198 | 19323+4909 | 19334160+4915443 | M5IIIas... | 19:33:41.61 | +49:15:44.3 | 19:33:41.61 | +49:15:44.3 | 0.033 | 3.0 | -11.5 | 603 | | | |
| HIP 96919 | 19409+5520 | 19420413+5527474 | M5IIIa | 19:42:04.15 | +55:27:47.6 | 19:42:04.13 | +55:27:47.5 | 0.200 | 13.0 | -38.3 | 942 | b | | |
| HIP 97032 | 19391-5622 | 19431364-5615367 | M5/M6III | 19:43:13.64 | -56:15:37.0 | 19:43:13.65 | -56:15:36.7 | 0.251 | -21.2 | -49.9 | 573 | | | |
| HIP 97649 | 19483+0844 | 19504698+0852060 | A7V | 19:50:47.00 | +08:52:06.0 | 19:50:46.99 | +08:52:06.0 | 0.192 | 536.9 | 385.6 | 719 | b | m | |
| HIP 98334 | 19552-4159 | 19584287-4150577 | M4e | 19:58:42.87 | -41:50:57.9 | 19:58:42.88 | -41:50:57.8 | 0.190 | -12.0 | -56.5 | 924 | | | e |
| HIP 98500 | 19569-4944 | 20004014-4936313 | M4III | 20:00:40.14 | -49:36:31.1 | 20:00:40.14 | -49:36:31.3 | 0.165 | -20.1 | 9.3 | 504 | | | |
| HIP 99755 | 20118-0009 | 20142493-0000193 | M5 | 20:14:24.93 | -00:00:19.5 | 20:14:24.93 | -00:00:19.4 | 0.170 | 0.6 | 3.6 | 780 | b | | e |
| HIP 99920 | 20131-3636 | 20162360-3627130 | M4III | 20:16:23.61 | -36:27:12.9 | 20:16:23.61 | -36:27:13.0 | 0.138 | 1.7 | -15.9 | 699 | b | m | |
| AF Del | 20320+1534 | 20342260+1544440 | M7+... | 20:34:22.61 | +15:44:44.1 | 20:34:22.61 | +15:44:44.1 | 0.072 | 0.0 | 0.0 | 918 | | | e |
| HIP 101984 | 20372-1818 | 20400294-1808188 | M1III | 20:40:02.94 | -18:08:19.2 | 20:40:02.94 | -18:08:18.8 | 0.367 | -22.7 | -21.6 | 550 | b | | |
| HIP 102978 | 20488-2706 | 20514929-2655085 | M0III | 20:51:49.29 | -26:55:08.9 | 20:51:49.29 | -26:55:08.6 | 0.323 | -8.0 | -2.5 | 825 | b | | |
| HIP 103417 | 20548+1603 | 20571123+1615051 | M7 | 20:57:11.23 | +16:15:05.1 | 20:57:11.23 | +16:15:05.1 | 0.077 | 1.5 | -0.4 | 677 | | | |
| HD 200271 | 20595+1848 | 21015334+1859557 | M8 | 21:01:53.35 | +18:59:55.9 | 21:01:53.34 | +18:59:55.8 | 0.193 | 12.5 | 7.2 | 958 | | | e |
| HIP 104234 | 21041-2512 | 21070767-2500210 | K7III | 21:07:07.67 | -25:00:21.1 | 21:07:07.68 | -25:00:21.0 | 0.120 | -27.2 | -43.4 | 620 | b | m | |
| HIP 104755 | 21087-7019 | 21132054-7007345 | M1.5III | 21:13:20.51 | -70:07:34.6 | 21:13:20.55 | -70:07:34.5 | 0.205 | 41.4 | -20.3 | 603 | | | |
| HIP 104974 | 21129-1522 | 21154484-1510173 | M2III | 21:15:44.84 | -15:10:17.4 | 21:15:44.84 | -15:10:17.3 | 0.078 | 24.8 | 5.1 | 663 | b | | |
| HIP 106140 | 21276+2325 | 21295689+2338199 | M1III | 21:29:56.90 | +23:38:19.8 | 21:29:56.90 | +23:38:20.0 | 0.153 | 24.4 | 3.5 | 666 | | m | |
| HIP 108869 | 22003-3141 | 22031676-3126426 | M5III | 22:03:16.76 | -31:26:42.7 | 22:03:16.77 | -31:26:42.7 | 0.055 | 0.7 | -14.2 | 597 | | | |
| HIP 109089 | 22036+3315 | 22055296+3330246 | Ce+... | 22:05:52.97 | +33:30:24.8 | 22:05:52.97 | +33:30:24.6 | 0.181 | -1.1 | -7.4 | 730 | | | e |
| HIP 110099 | 22156+0228 | 22181070+0243501 | M7 | 22:18:10.70 | +02:43:50.3 | 22:18:10.70 | +02:43:50.1 | 0.172 | 1.6 | 2.1 | 554 | | | e |
| TYC 2742-161-1 | 22260+3517 | 22281804+3532480 | M6 | 22:28:18.04 | +35:32:48.3 | 22:28:18.04 | +35:32:48.0 | 0.298 | 22.0 | 15.3 | 868 | | m | e |
| HIP 110972 | 22268+4003 | 22290091+4018556 | M5e | 22:29:00.91 | +40:18:55.8 | 22:29:00.92 | +40:18:55.6 | 0.228 | -7.5 | -5.4 | 679 | b | | e |
| PPM 783381 | 22326-6522 | 22360365-6507099 | - | 22:36:03.63 | -65:07:09.8 | 22:36:03.65 | -65:07:10.0 | 0.191 | -2.9 | 3.0 | 859 | | | e |
| HIP 112716 | 22469-1351 | 22493550-1335331 | K5III | 22:49:35.50 | -13:35:33.5 | 22:49:35.50 | -13:35:33.2 | 0.317 | -12.6 | -38.8 | 827 | | m | |
| HIP 113131 | 22521+1640 | 22543563+1656308 | S+... | 22:54:35.63 | +16:56:30.6 | 22:54:35.63 | +16:56:30.9 | 0.281 | 15.1 | -8.0 | 660 | | | |
| HIP 113288 | 22542+4927 | 22562598+4944006 | M0Iab: | 22:56:26.00 | +49:44:00.8 | 22:56:25.99 | +49:44:00.7 | 0.157 | 0.1 | -2.9 | 510 | b | | |
| HIP 113687 | 22591+3220 | 23013272+3236466 | M6 | 23:01:32.74 | +32:36:46.8 | 23:01:32.73 | +32:36:46.7 | 0.214 | -12.6 | 0.2 | 605 | | | |
| HIP 114144 | 23044+0908 | 23070026+0924339 | M1III | 23:07:00.26 | +09:24:34.2 | 23:07:00.27 | +09:24:34.0 | 0.212 | 6.7 | -12.8 | 573 | | | |
| HIP 114407 | 23073-4051 | 23100974-4035297 | M4III | 23:10:09.74 | -40:35:29.6 | 23:10:09.74 | -40:35:29.7 | 0.156 | 22.1 | -45.6 | 570 | | | |
| HIP 114724 | 23117-0619 | 23141933-0602558 | M2III | 23:14:19.36 | -06:02:56.4 | 23:14:19.33 | -06:02:55.9 | 0.679 | 46.2 | -195.8 | 877 | b | | |
| HIP 114757 | 23123+4031 | 23144420+4047393 | M... | 23:14:44.20 | +40:47:39.3 | 23:14:44.21 | +40:47:39.3 | 0.084 | 2.9 | -9.7 | 642 | | | |
| HIP 115022 | 23154+4844 | 23174463+4900549 | M2III | 23:17:44.65 | +49:00:55.1 | 23:17:44.63 | +49:00:54.9 | 0.219 | 34.5 | 6.7 | 766 | b | m | |
| HIP 115553 | 23217-1735 | 23242430-1719089 | M4/M5III | 23:24:24.31 | -17:19:08.7 | 23:24:24.30 | -17:19:09.0 | 0.234 | 11.8 | 1.8 | 602 | | | e |
| HIP 117020 | 23408+1003 | 23432235+1019536 | M2III | 23:43:22.36 | +10:19:53.5 | 23:43:22.35 | +10:19:53.6 | 0.104 | 4.9 | 11.4 | 557 | b | | |
| HIP 117718 | 23499+1850 | 23522929+1907128 | M2III | 23:52:29.29 | +19:07:13.0 | 23:52:29.30 | +19:07:12.9 | 0.210 | -6.4 | -34.2 | 651 | | | |
| HIP 355 | 00019-1047 | 00043012-1030344 | K3Iab: | 00:04:30.12 | -10:30:34.3 | 00:04:30.12 | -10:30:34.4 | 0.141 | -6.5 | -11.9 | 310 | | | |
| HIP 516 | 00036-3305 | 00061420-3248589 | M1Ib-IIme... | 00:06:14.20 | -32:48:58.9 | 00:06:14.20 | -32:48:58.9 | 0.108 | 14.1 | 1.4 | 169 | | | e |
| HIP 696 | 00060-1751 | 00083349-1734413 | M0/M1IIICNpv | 00:08:33.50 | -17:34:41.4 | 00:08:33.49 | -17:34:41.3 | 0.041 | 14.9 | -47.3 | 239 | | | |
| HIP 852 | 00078+2822 | 00102675+2839101 | M... | 00:10:26.76 | +28:39:10.4 | 00:10:26.75 | +28:39:10.2 | 0.203 | -5.0 | -16.7 | 225 | | | |
| HIP 988 | 00096+4332 | 00121579+4349055 | M... | 00:12:15.80 | +43:49:05.5 | 00:12:15.79 | +43:49:05.5 | 0.063 | 1.4 | -3.0 | 168 | | | |
| HIP 1352 | 00142+4911 | 00165397+4927429 | M0 | 00:16:53.96 | +49:27:42.9 | 00:16:53.97 | +49:27:42.9 | 0.126 | -16.3 | -5.6 | 227 | | | |
| HIP 1429 | 00152+1956 | 00175125+2013371 | M3.5IIIa | 00:17:51.24 | +20:13:37.2 | 00:17:51.26 | +20:13:37.1 | 0.252 | 14.4 | -11.9 | 271 | | | |
| HIP 1562 | 00168-0906 | 00192567-0849264 | K1.5III | 00:19:25.67 | -08:49:26.1 | 00:19:25.68 | -08:49:26.5 | 0.349 | -14.4 | -37.8 | 431 | | m | |
| HIP 2962 | 00348+4519 | 00373774+4536151 | M5 | 00:37:37.74 | +45:36:15.3 | 00:37:37.75 | +45:36:15.2 | 0.125 | 11.7 | 2.1 | 178 | | | |
| HIP 3693 | 00446+2359 | 00472037+2416017 | K1IIe | 00:47:20.33 | +24:16:01.8 | 00:47:20.37 | +24:16:01.7 | 0.635 | -101.2 | -81.9 | 243 | | m | |
| HIP 4147 | 00504-0124 | 00530050-0108395 | M0III | 00:53:00.49 | -01:08:39.3 | 00:53:00.51 | -01:08:39.6 | 0.316 | 6.5 | -16.3 | 432 | b | | |
| HIP 4363 | 00535-2802 | 00555553-2746330 | M0III | 00:55:55.54 | -27:46:33.0 | 00:55:55.54 | -27:46:33.1 | 0.060 | 10.8 | -5.1 | 205 | | | |
| HIP 4879 | 01007-6543 | 01024291-6527219 | M2III | 01:02:42.91 | -65:27:22.0 | 01:02:42.91 | -65:27:22.0 | 0.041 | 8.5 | 3.7 | 234 | | | |
| HIP 4906 | 01003+0737 | 01025662+0753247 | G9III | 01:02:56.61 | +07:53:24.5 | 01:02:56.62 | +07:53:24.7 | 0.312 | -80.6 | 25.9 | 186 | | | |
| HIP 5165 | 01038-4659 | 01060508-4643062 | G8IIIv | 01:06:05.05 | -46:43:06.3 | 01:06:05.09 | -46:43:06.3 | 0.410 | -70.2 | 31.6 | 280 | | m | |
| HIP 5364 | 01060-1026 | 01083539-1010560 | K1III | 01:08:35.39 | -10:10:56.2 | 01:08:35.40 | -10:10:56.1 | 0.099 | 215.8 | -138.3 | 483 | | m | |
| HIP 5559 | 01088-1346 | 01111730-1330115 | M3III | 01:11:17.30 | -13:30:11.8 | 01:11:17.30 | -13:30:11.6 | 0.222 | 9.3 | 1.5 | 311 | | | |
| HIP 5650 | 01096+4504 | 01123409+4520150 | M1III | 01:12:34.08 | +45:20:15.1 | 01:12:34.09 | +45:20:15.0 | 0.150 | 24.0 | 20.9 | 200 | | | |
| HIP 5746 | 01110+2652 | 01134794+2707590 | M0 | 01:13:47.94 | +27:07:58.9 | 01:13:47.95 | +27:07:59.1 | 0.144 | -26.5 | -32.3 | 383 | | | |
| HIP 5772 | 01113+2815 | 01140490+2831464 | Ms | 01:14:04.91 | +28:31:46.5 | 01:14:04.90 | +28:31:46.5 | 0.071 | 63.1 | -53.8 | 308 | | | |
| HIP 6492 | 01207+2012 | 01232495+2028085 | K5 | 01:23:24.95 | +20:28:08.3 | 01:23:24.95 | +20:28:08.5 | 0.234 | -5.6 | -9.3 | 251 | | | |
| HIP 6502 | 01211-3112 | 01233096-3056445 | K5III | 01:23:30.96 | -30:56:44.2 | 01:23:30.96 | -30:56:44.5 | 0.325 | -15.5 | -45.8 | 226 | | | |
| HIP 6537 | 01215-0826 | 01240142-0810596 | K0III | 01:24:01.41 | -08:10:59.7 | 01:24:01.43 | -08:10:59.6 | 0.324 | -78.4 | -206.9 | 339 | | m | |
| HIP 6952 | 01274-4700 | 01293055-4645230 | M2III | 01:29:30.54 | -46:45:23.1 | 01:29:30.55 | -46:45:23.1 | 0.154 | 2.4 | 16.7 | 313 | | | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 7007 | 01275+0553 | 01301114+0608377 | K4III | 01:30:11.12 | +06:08:37.8 | 01:30:11.14 | +06:08:37.8 | 0.442 | 293.2 | -46.4 | 221 | m |
| HIP 7083 | 01291-4919 | 01311510-4904214 | G9III | 01:31:15.10 | -49:04:21.7 | 01:31:15.11 | -49:04:21.5 | 0.268 | 138.2 | 154.2 | 258 | |
| HIP 7607 | 01349+4822 | 01375956+4837417 | K3II | 01:37:59.56 | +48:37:41.6 | 01:37:59.56 | +48:37:41.7 | 0.155 | 60.9 | -112.4 | 470 | |
| HIP 7647 | 01359+0106 | 01383004+0121403 | M5 | 01:38:30.06 | +01:21:40.3 | 01:38:30.04 | +01:21:40.4 | 0.223 | 2.8 | -3.0 | 414 | e |
| HIP 7884 | 01388+0514 | 01412588+0529156 | K3IIIb | 01:41:25.89 | +05:29:15.4 | 01:41:25.89 | +05:29:15.7 | 0.311 | -22.7 | 3.6 | 310 | |
| HIP 8521 | 01473-0506 | 01495462-0451347 | M... | 01:49:54.62 | -04:51:34.5 | 01:49:54.62 | -04:51:34.7 | 0.254 | 11.5 | -19.8 | 378 | |
| HIP 8618 | 01481+3746 | 01510929+3801259 | M3 | 01:51:09.29 | +38:01:26.2 | 01:51:09.30 | +38:01:26.0 | 0.229 | 0.4 | -4.1 | 232 | |
| HIP 8645 | 01489-1034 | 01512762-1020061 | K0III | 01:51:27.63 | -10:20:06.1 | 01:51:27.62 | -10:20:06.1 | 0.166 | 38.8 | -38.0 | 302 | m |
| HIP 9132 | 01548+2733 | 01574374+2748157 | M2III | 01:57:43.74 | +27:48:15.8 | 01:57:43.75 | +27:48:15.7 | 0.088 | 13.4 | -58.8 | 278 | |
| HIP 9326 | 01574-2103 | 01594620-2049283 | M0/M1III | 01:59:46.20 | -20:49:28.3 | 01:59:46.21 | -20:49:28.3 | 0.098 | 17.9 | 15.2 | 326 | |
| HIP 9472 | 02013-7441 | 02015234-7426446 | M5III | 02:01:52.33 | -74:26:44.6 | 02:01:52.35 | -74:26:44.6 | 0.077 | 1.3 | -15.7 | 272 | |
| HIP 9622 | 02011-0420 | 02034048-0406126 | M0III | 02:03:40.49 | -04:06:12.6 | 02:03:40.48 | -04:06:12.6 | 0.077 | 6.6 | -62.7 | 237 | |
| HIP 9999 | 02063-1801 | 02084565-1746450 | M1III | 02:08:45.66 | -17:46:45.0 | 02:08:45.66 | -17:46:45.1 | 0.113 | -10.9 | -21.0 | 265 | m |
| HIP 10340 | 02100+4359 | 02131332+4413539 | K4III | 02:13:13.32 | +44:13:53.9 | 02:13:13.33 | +44:13:53.9 | 0.045 | -20.6 | -15.2 | 307 | |
| HIP 10733 | 02157-1421 | 02180858-1408012 | M5III | 02:18:08.58 | -14:08:01.2 | 02:18:08.58 | -14:08:01.2 | 0.067 | 12.4 | 13.8 | 323 | |
| HIP 11021 | 02193+0010 | 02215663+0023446 | M2III | 02:21:56.63 | 00:23:44.4 | 02:21:56.64 | 00:23:44.7 | 0.299 | -13.4 | -6.8 | 483 | |
| HIP 11421 | 02241+3644 | 02271489+3658022 | M6 | 02:27:14.88 | +36:58:02.3 | 02:27:14.89 | +36:58:02.3 | 0.136 | 7.0 | -1.9 | 326 | |
| HIP 11784 | 02290+3555 | 02320616+3608500 | K5III | 02:32:06.17 | +36:08:50.2 | 02:32:06.17 | +36:08:50.0 | 0.172 | 47.8 | 16.4 | 237 | |
| HIP 11910 | 02313-1322 | 02334367-1308543 | M4/M5e | 02:33:43.67 | -13:08:54.5 | 02:33:43.67 | -13:08:54.4 | 0.083 | 18.1 | -17.3 | 330 | |
| HIP 12016 | 02330-4219 | 02345972-4206464 | M4III | 02:34:59.72 | -42:06:46.4 | 02:34:59.73 | -42:06:46.5 | 0.056 | 12.1 | -20.0 | 297 | |
| HIP 12107 | 02335-0802 | 02360006-0749535 | M0III | 02:36:00.05 | -07:49:53.7 | 02:36:00.06 | -07:49:53.6 | 0.284 | -33.6 | -59.3 | 343 | m |
| HIP 12594 | 02396-2249 | 02415745-2236216 | M5III | 02:41:57.45 | -22:36:21.9 | 02:41:57.46 | -22:36:21.7 | 0.245 | 12.6 | -27.1 | 287 | |
| HIP 13185 | 02481-5257 | 02494094-5245306 | M5/M6III | 02:49:40.94 | -52:45:30.5 | 02:49:40.94 | -52:45:30.7 | 0.191 | -21.2 | -19.3 | 336 | |
| HIP 13244 | 02507-7516 | 02502846-7504010 | K3III | 02:50:28.46 | -75:04:01.0 | 02:50:28.47 | -75:04:01.0 | 0.048 | -34.0 | -27.2 | 211 | |
| HIP 13328 | 02484+3451 | 02513086+3503349 | K5III | 02:51:30.84 | +35:03:35.1 | 02:51:30.86 | +35:03:34.9 | 0.364 | 9.3 | -63.0 | 494 | |
| HIP 13701 | 02539-0905 | 02562566-0853534 | K1III | 02:56:25.65 | -08:53:53.3 | 02:56:25.66 | -08:53:53.4 | 0.229 | 77.7 | -220.0 | 328 | |
| HIP 14605 | 03064-2638 | 03083751-2626468 | M5III | 03:08:37.52 | -26:26:46.9 | 03:08:37.51 | -26:26:46.9 | 0.137 | 15.8 | 2.0 | 189 | |
| HIP 14819 | 03088-0359 | 03111878-0348417 | M1III | 03:11:18.78 | -03:48:41.7 | 03:11:18.78 | -03:48:41.8 | 0.108 | -4.2 | -16.6 | 239 | m |
| HIP 15479 | 03174-2418 | 03193491-2407223 | M1III | 03:19:34.91 | -24:07:22.4 | 03:19:34.91 | -24:07:22.4 | 0.094 | 5.9 | -22.7 | 380 | |
| HIP 16503 | 03303-2549 | 03322667-2539304 | M6III | 03:32:26.67 | -25:39:30.6 | 03:32:26.68 | -25:39:30.5 | 0.143 | -7.1 | -12.3 | 274 | |
| HIP 16775 | 03356-6921 | 03355302-6911348 | M5III | 03:35:53.00 | -69:11:34.8 | 03:35:53.03 | -69:11:34.9 | 0.177 | 7.8 | 10.6 | 181 | |
| HIP 17373 | 03411-3110 | 03431004-3101095 | M4III | 03:43:10.03 | -31:01:09.4 | 03:43:10.05 | -31:01:09.5 | 0.265 | 17.1 | -1.8 | 330 | |
| HIP 17993 | 03489-3907 | 03504434-3858546 | M5III | 03:50:44.35 | -38:58:54.8 | 03:50:44.35 | -38:58:54.7 | 0.152 | 28.1 | 30.3 | 361 | |
| HIP 18336 | 03531-2410 | 03551389-2401566 | M5/M6IIIe | 03:55:13.90 | -24:01:56.6 | 03:55:13.90 | -24:01:56.6 | 0.075 | 24.8 | 4.3 | 418 | |
| HIP 18772 | 04004-6113 | 04011814-6104436 | K4III | 04:01:18.15 | -61:04:43.8 | 04:01:18.14 | -61:04:43.6 | 0.137 | 66.7 | 94.5 | 232 | |
| HIP 18931 | 04013-2435 | 04032892-2427364 | M3/M4III | 04:03:28.93 | -24:27:36.3 | 04:03:28.93 | -24:27:36.5 | 0.178 | 10.8 | -25.8 | 255 | |
| HIP 19116 | 04035-1025 | 04055409-1017448 | M4III | 04:05:54.10 | -10:17:44.9 | 04:05:54.10 | -10:17:44.9 | 0.074 | 25.1 | -0.2 | 229 | m |
| HIP 19780 | 04137-6235 | 04142547-6228258 | G8II-III | 04:14:25.48 | -62:28:25.9 | 04:14:25.48 | -62:28:25.8 | 0.065 | 41.6 | 49.7 | 292 | |
| HIP 20243 | 04177-0244 | 04201530-0237428 | M4III | 04:20:15.30 | -02:37:42.8 | 04:20:15.30 | -02:37:42.9 | 0.098 | 24.4 | -2.5 | 202 | |
| HIP 20269 | 04184-1656 | 04204133-1649480 | M3III | 04:20:41.35 | -16:49:47.9 | 04:20:41.34 | -16:49:48.0 | 0.156 | 24.4 | 11.4 | 246 | |
| HIP 20429 | 04201-0537 | 04223482-0530041 | M6 | 04:22:34.83 | -05:30:04.1 | 04:22:34.83 | -05:30:04.1 | 0.090 | 5.0 | -7.3 | 278 | e |
| HIP 20506 | 04216-2756 | 04234041-2749492 | M6III | 04:23:40.41 | -27:49:49.5 | 04:23:40.41 | -27:49:49.2 | 0.320 | 6.4 | -2.5 | 271 | |
| HIP 22170 | 04448-4920 | 04460955-4914450 | M2.5:IIe | 04:46:09.55 | -49:14:45.1 | 04:46:09.55 | -49:14:45.1 | 0.065 | 36.7 | 37.5 | 201 | |
| HIP 22247 | 04455-3617 | 04471892-3612337 | CII... | 04:47:18.92 | -36:12:33.6 | 04:47:18.92 | -36:12:33.8 | 0.176 | -0.3 | 6.6 | 323 | |
| HIP 22730 | 04507+0225 | 04532277+0230298 | M1III | 04:53:22.77 | +02:30:29.6 | 04:53:22.77 | +02:30:29.8 | 0.214 | 29.7 | -16.4 | 459 | |
| HIP 23649 | 05036-4938 | 05045803-4934399 | K5III | 05:04:58.01 | -49:34:40.2 | 05:04:58.03 | -49:34:39.9 | 0.355 | 68.7 | -3.0 | 323 | |
| HIP 23653 | 05039-5428 | 05050058-5424266 | M2III | 05:05:00.61 | -54:24:26.6 | 05:05:00.59 | -54:24:26.6 | 0.165 | 0.0 | 6.5 | 164 | |
| HIP 24840 | 05174-2510 | 05193117-2507267 | M5III | 05:19:31.18 | -25:07:27.1 | 05:19:31.17 | -25:07:26.8 | 0.350 | -6.8 | -28.4 | 379 | |
| HIP 24943 | 05191-4334 | 05203693-4332023 | M3/M4III | 05:20:36.95 | -43:32:02.2 | 05:20:36.93 | -43:32:02.3 | 0.141 | 17.1 | 39.3 | 404 | |
| HIP 25606 | 05261-2047 | 05281473-2045338 | G5II | 05:28:14.72 | -20:45:34.0 | 05:28:14.73 | -20:45:33.8 | 0.206 | -5.0 | -85.9 | 393 | m |
| HIP 25769 | 05254+6301 | 05301020+6304017 | M1III | 05:30:10.20 | +63:04:02.0 | 05:30:10.20 | +63:04:01.8 | 0.200 | -5.9 | -4.8 | 396 | |
| HIP 25985 | 05305-1751 | 05324381-1749198 | F0Ib | 05:32:43.82 | -17:49:20.2 | 05:32:43.82 | -17:49:19.8 | 0.420 | 3.3 | 1.5 | 196 | m |
| HIP 26069 | 05331-6231 | 05333753-6229232 | F6Ia... | 05:33:37.52 | -62:29:23.4 | 05:33:37.54 | -62:29:23.3 | 0.189 | 1.1 | 12.6 | 161 | |
| HIP 26247 | 05294+7225 | 05352713+7227575 | M5 | 05:35:27.17 | +72:27:57.6 | 05:35:27.14 | +72:27:57.6 | 0.126 | 1.1 | 1.9 | 304 | e |
| HIP 26284 | 05337-2546 | 05354772-2544188 | CII... | 05:35:47.72 | -25:44:18.5 | 05:35:47.72 | -25:44:18.9 | 0.382 | 2.5 | 9.9 | 183 | |
| HIP 26959 | 05414-3326 | 05431451-3325298 | M3III | 05:43:14.52 | -33:25:29.9 | 05:43:14.52 | -33:25:29.8 | 0.109 | -1.5 | 4.1 | 263 | |
| HIP 27344 | 05459-4136 | 05472948-4135244 | M3III | 05:47:29.48 | -41:35:24.8 | 05:47:29.48 | -41:35:24.4 | 0.335 | -6.5 | -11.4 | 213 | |
| HIP 27955 | 05532-3957 | 05545250-3957281 | K6III: | 05:54:52.48 | -39:57:28.3 | 05:54:52.50 | -39:57:28.2 | 0.254 | -12.7 | 21.6 | 250 | |
| HIP 28328 | 05576-4249 | 05590881-4248545 | K0III | 05:59:08.81 | -42:48:54.5 | 05:59:08.81 | -42:48:54.5 | 0.076 | 18.5 | -11.4 | 239 | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 28524 | 05594-3354 | 06011631-3354427 | K5III | 06:01:16.30 | -33:54:42.6 | 06:01:16.31 | -33:54:42.7 | 0.244 | 5.4 | -26.4 | 203 | |
| HIP 28675 | 06012-2616 | 06031560-2617045 | K3III | 06:03:15.60 | -26:17:04.4 | 06:03:15.60 | -26:17:04.6 | 0.206 | 66.2 | 84.8 | 211 | m |
| HIP 28770 | 06027-3403 | 06043071-3403278 | K5 | 06:04:30.71 | -34:03:27.8 | 06:04:30.71 | -34:03:27.9 | 0.091 | 17.0 | -7.7 | 273 | e |
| HIP 29048 | 06055-1909 | 06074164-1909573 | M1III | 06:07:41.64 | -19:09:57.1 | 06:07:41.65 | -19:09:57.3 | 0.263 | 12.8 | 56.7 | 406 | |
| HIP 30277 | 06202-3324 | 06220682-3326110 | G7II | 06:22:06.83 | -33:26:11.0 | 06:22:06.83 | -33:26:11.0 | 0.040 | -24.2 | -52.5 | 183 | |
| HIP 30436 | 06218-2532 | 06235591-2534395 | K5III | 06:23:55.92 | -25:34:39.5 | 06:23:55.92 | -25:34:39.5 | 0.034 | 3.6 | -40.9 | 197 | |
| HIP 30679 | 06224+5826 | 06264885+5825025 | K4III | 06:26:48.87 | +58:25:02.7 | 06:26:48.86 | +58:25:02.6 | 0.174 | -5.5 | -1.8 | 248 | m |
| HIP 31086 | 06295-3249 | 06312398-3252066 | M4III | 06:31:24.00 | -32:52:06.8 | 06:31:23.98 | -32:52:06.7 | 0.181 | -17.0 | 6.9 | 330 | |
| HIP 31099 | 06298-3654 | 06313496-3656239 | M1III | 06:31:34.95 | -36:56:24.1 | 06:31:34.96 | -36:56:23.9 | 0.239 | 1.5 | 69.7 | 343 | |
| HIP 31296 | 06318-3032 | 06334619-3034581 | M6III | 06:33:46.19 | -30:34:58.3 | 06:33:46.19 | -30:34:58.2 | 0.114 | 3.1 | 19.6 | 288 | |
| HIP 31719 | 06341+5114 | 06380637+5112075 | M5 | 06:38:06.38 | +51:12:07.6 | 06:38:06.37 | +51:12:07.6 | 0.061 | 11.7 | 0.8 | 363 | |
| HIP 32173 | 06394+4434 | 06430497+4431277 | K5III | 06:43:04.97 | +44:31:28.0 | 06:43:04.97 | +44:31:27.8 | 0.238 | -45.0 | -30.3 | 270 | |
| HIP 32531 | 06463-5528 | 06471870-5532239 | K5III | 06:47:18.71 | -55:32:24.0 | 06:47:18.71 | -55:32:24.0 | 0.010 | -0.9 | 25.1 | 179 | |
| HIP 34752 | 07082+3924 | 07113932+3919139 | K3.5III | 07:11:39.33 | +39:19:14.0 | 07:11:39.32 | +39:19:14.0 | 0.061 | 44.2 | 2.1 | 253 | |
| HIP 36284 | 07254+0901 | 07280979+0855318 | K3III | 07:28:09.79 | +08:55:31.9 | 07:28:09.80 | +08:55:31.9 | 0.056 | -59.3 | 10.8 | 444 | m |
| HIP 36334 | 07250+4801 | 07284353+4755146 | M3 | 07:28:43.54 | +47:55:14.7 | 07:28:43.54 | +47:55:14.6 | 0.083 | -40.5 | -73.0 | 373 | |
| HIP 36425 | 07270+1206 | 07294778+1200235 | K1III | 07:29:47.78 | +12:00:23.6 | 07:29:47.78 | +12:00:23.6 | 0.067 | 1.3 | -19.3 | 238 | |
| HIP 36545 | 07272+5009 | 07310348+5002545 | M2 | 07:31:03.47 | +50:02:54.5 | 07:31:03.48 | +50:02:54.6 | 0.135 | -14.8 | -32.1 | 218 | |
| HIP 36746 | 07306+1107 | 07332749+1100423 | M5 | 07:33:27.49 | +11:00:42.3 | 07:33:27.49 | +11:00:42.3 | 0.153 | -14.5 | -16.1 | 205 | |
| HIP 37023 | 07328+4617 | 07363163+4610488 | M0III | 07:36:31.63 | +46:10:49.0 | 07:36:31.64 | +46:10:48.8 | 0.220 | -28.4 | -32.9 | 226 | |
| HIP 37369 | 07368+3827 | 07401471+3820404 | M0III | 07:40:14.69 | +38:20:40.3 | 07:40:14.72 | +38:20:40.5 | 0.334 | -40.2 | -11.5 | 216 | |
| HIP 37707 | 07407+3857 | 07440950+3850160 | M6 | 07:44:09.49 | +38:50:16.1 | 07:44:09.51 | +38:50:16.1 | 0.217 | -1.5 | -21.9 | 289 | |
| HIP 37946 | 07433+3738 | 07463929+3731024 | M3III | 07:46:39.28 | +37:31:02.6 | 07:46:39.29 | +37:31:02.5 | 0.160 | 30.2 | 12.7 | 492 | |
| HIP 39211 | 07586-0115 | 08011332-0123332 | K4III | 08:01:13.33 | -01:23:33.4 | 08:01:13.33 | -01:23:33.3 | 0.192 | 66.0 | -75.7 | 343 | |
| HIP 39311 | 07596+0228 | 08021594+0220044 | K2III | 08:02:15.94 | +02:20:04.5 | 08:02:15.94 | +02:20:04.4 | 0.076 | -28.0 | 105.5 | 290 | m |
| HIP 39877 | 08063-1038 | 08084350-1047225 | M3III | 08:08:43.50 | -10:47:22.5 | 08:08:43.51 | -10:47:22.5 | 0.031 | 1.1 | 8.8 | 194 | e |
| HIP 41080 | 08204-0722 | 08225410-0732352 | M1III | 08:22:54.10 | -07:32:35.2 | 08:22:54.10 | -07:32:35.3 | 0.113 | -9.8 | 6.3 | 337 | |
| HIP 41302 | 08218+5226 | 08253737+5216561 | M8 | 08:25:37.39 | +52:16:56.0 | 08:25:37.38 | +52:16:56.2 | 0.220 | -11.5 | -18.4 | 378 | |
| HIP 41704 | 08261+6053 | 08301592+6043056 | G5III | 08:30:15.87 | +60:43:05.4 | 08:30:15.93 | +60:43:05.6 | 0.473 | -134.3 | -107.7 | 270 | m |
| HIP 42394 | 08364-1933 | 08384030-1944131 | M1III | 08:38:40.29 | -19:44:12.9 | 08:38:40.31 | -19:44:13.1 | 0.346 | 9.7 | 2.2 | 198 | m |
| HIP 42509 | 08376-1217 | 08400148-1228313 | K3III | 08:40:01.47 | -12:28:31.3 | 08:40:01.49 | -12:28:31.3 | 0.258 | -79.9 | 0.9 | 236 | |
| HIP 42700 | 08396-0252 | 08420936-0302597 | M... | 08:42:09.37 | -03:02:59.7 | 08:42:09.37 | -03:02:59.8 | 0.083 | 1.1 | -9.9 | 229 | |
| HIP 43039 | 08437-1038 | 08460955-1049476 | M3 | 08:46:09.56 | -10:49:47.6 | 08:46:09.56 | -10:49:47.6 | 0.028 | -1.8 | -11.0 | 487 | m |
| HIP 43575 | 08494+2826 | 08522858+2815328 | M3III | 08:52:28.59 | +28:15:33.0 | 08:52:28.59 | +28:15:32.8 | 0.151 | -18.0 | -7.0 | 300 | |
| HIP 43653 | 08509+0315 | 08533395+0304065 | M4e | 08:53:33.95 | +03:04:06.5 | 08:53:33.95 | +03:04:06.5 | 0.117 | -6.4 | 6.8 | 241 | |
| HIP 43813 | 08527+0608 | 08552362+0556441 | G9II-III | 08:55:23.63 | +05:56:44.0 | 08:55:23.62 | +05:56:44.2 | 0.152 | -99.8 | 14.7 | 409 | |
| HIP 43835 | 08532-0857 | 08553985-0908296 | M3e | 08:55:39.84 | -09:08:29.4 | 08:55:39.85 | -09:08:29.6 | 0.271 | -5.2 | 1.5 | 381 | |
| HIP 44283 | 09005-6829 | 09010850-6841017 | M1III | 09:01:08.51 | -68:41:02.1 | 09:01:08.50 | -68:41:01.8 | 0.341 | 16.2 | 1.0 | 249 | |
| HIP 44601 | 09013+6029 | 09051439+6017129 | M6III | 09:05:14.37 | +60:17:12.9 | 09:05:14.40 | +60:17:12.9 | 0.170 | -11.1 | -12.1 | 367 | |
| HIP 44857 | 09040+6704 | 09082349+6652235 | K5III | 09:08:23.50 | +66:52:23.6 | 09:08:23.49 | +66:52:23.6 | 0.060 | -23.0 | -40.5 | 242 | |
| HIP 45238 | 09126-6930 | 09131197-6943017 | A2IV | 09:13:11.98 | -69:43:01.9 | 09:13:11.97 | -69:43:01.8 | 0.162 | -157.7 | 108.9 | 211 | b |
| HIP 45455 | 09121+5657 | 09154978+5644291 | K5III | 09:15:49.78 | +56:44:29.1 | 09:15:49.79 | +56:44:29.1 | 0.061 | -24.8 | -29.1 | 273 | |
| HIP 46027 | 09209-2049 | 09231457-2102159 | M2III | 09:23:14.58 | -21:02:15.8 | 09:23:14.58 | -21:02:16.0 | 0.144 | -26.6 | 15.2 | 247 | |
| HIP 46146 | 09217+2623 | 09243927+2610564 | K2III | 09:24:39.26 | +26:10:56.4 | 09:24:39.27 | +26:10:56.4 | 0.204 | -31.1 | -48.1 | 230 | m |
| HIP 46735 | 09284+3519 | 09313244+3506118 | M1III | 09:31:32.41 | +35:06:11.8 | 09:31:32.44 | +35:06:11.8 | 0.396 | -55.2 | -97.2 | 271 | |
| HIP 47168 | 09337+3123 | 09364287+3109425 | M2III | 09:36:42.85 | +31:09:42.2 | 09:36:42.88 | +31:09:42.5 | 0.429 | 2.3 | -43.7 | 280 | |
| HIP 47431 | 09372-0054 | 09395135-0108341 | K2.5III | 09:39:51.36 | -01:08:34.1 | 09:39:51.35 | -01:08:34.1 | 0.158 | 47.8 | -62.9 | 423 | |
| HIP 47630 | 09402-0752 | 09424243-0805593 | M... | 09:42:42.43 | -08:05:59.5 | 09:42:42.43 | -08:05:59.4 | 0.144 | -14.1 | 7.7 | 265 | |
| HIP 47756 | 09406+5359 | 09440784+5346002 | M5 | 09:44:07.87 | +53:46:00.3 | 09:44:07.85 | +53:46:00.2 | 0.199 | -10.3 | -4.9 | 463 | e |
| HIP 48020 | 09443+3300 | 09472041+3246562 | M... | 09:47:20.40 | +32:46:56.2 | 09:47:20.42 | +32:46:56.3 | 0.176 | 46.6 | -24.8 | 226 | |
| HIP 48455 | 09499+2614 | 09524585+2600248 | K2III | 09:52:45.82 | +26:00:25.0 | 09:52:45.85 | +26:00:24.9 | 0.506 | -216.3 | -54.9 | 310 | |
| HIP 48520 | 09507+3509 | 09534315+3455350 | M5e... | 09:53:43.17 | +34:55:35.3 | 09:53:43.16 | +34:55:35.1 | 0.291 | 5.5 | -7.6 | 225 | e |
| HIP 48672 | 09532-1713 | 09555538-1728099 | M3III | 09:55:35.38 | -17:28:10.1 | 09:55:35.39 | -17:28:10.0 | 0.152 | -16.1 | -13.2 | 184 | |
| HIP 49293 | 10012-0919 | 10034098-0934255 | K0 | 10:03:40.99 | -09:34:25.7 | 10:03:40.99 | -09:34:25.6 | 0.069 | -6.3 | -9.2 | 199 | |
| HIP 50951 | 10214+3425 | 10242219+3410351 | M6III | 10:24:22.19 | +34:10:35.0 | 10:24:22.19 | +34:10:35.2 | 0.116 | 4.6 | -20.9 | 272 | m |
| HIP 51353 | 10266+2319 | 10292161+2303435 | M7III: | 10:29:21.62 | +23:03:43.6 | 10:29:21.62 | +23:03:43.6 | 0.077 | 0.1 | 8.0 | 334 | e |
| HIP 51718 | 10316-2329 | 10340089-2344425 | K5III | 10:34:00.88 | -23:44:42.6 | 10:34:00.90 | -23:44:42.6 | 0.186 | -10.4 | 21.1 | 315 | m |
| HIP 51905 | 10338-1605 | 10361666-1620398 | M1III | 10:36:16.66 | -16:20:39.6 | 10:36:16.67 | -16:20:39.9 | 0.330 | -30.4 | 2.9 | 245 | m |
| HIP 52366 | 10393+3157 | 10421127+3141491 | M2III | 10:42:11.27 | +31:41:49.2 | 10:42:11.27 | +31:41:49.2 | 0.057 | -3.2 | -18.8 | 425 | m |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 52425 | 10395+6920 | 10430404+6904341 | K3III | 10:43:04.04 | +69:04:34.4 | 10:43:04.04 | +69:04:34.2 | 0.181 | 0.3 | -12.9 | 200 | |
| HIP 52794 | 10442+6552 | 10473668+6536598 | M4III | 10:47:36.71 | +65:36:59.9 | 10:47:36.68 | +65:36:59.8 | 0.201 | -13.1 | -39.4 | 264 | |
| HIP 53229 | 10505+3428 | 10531870+3412538 | K0III | 10:53:18.71 | +34:12:53.5 | 10:53:18.71 | +34:12:53.8 | 0.277 | 92.5 | -286.1 | 273 | |
| HIP 53682 | 10556+7015 | 10590176+6959206 | M... | 10:59:01.80 | +69:59:20.6 | 10:59:01.76 | +69:59:20.7 | 0.233 | 21.0 | -8.5 | 331 | |
| HIP 53723 | 10570-1605 | 10593094-1621129 | M1III | 10:59:30.93 | -16:21:13.3 | 10:59:30.94 | -16:21:13.0 | 0.409 | -43.1 | -8.6 | 258 | |
| HIP 53726 | 10567+3621 | 10593279+3605351 | M2III | 10:59:32.79 | +36:05:35.2 | 10:59:32.79 | +36:05:35.1 | 0.063 | 67.2 | -51.0 | 262 | |
| HIP 53907 | 10592-0212 | 11014966-0229043 | M0III | 11:01:49.67 | -02:29:04.5 | 11:01:49.67 | -02:29:04.4 | 0.201 | 9.6 | -36.1 | 494 | |
| HIP 54382 | 11047+4926 | 11073594+4910369 | M7 | 11:07:35.96 | +49:10:37.2 | 11:07:35.95 | +49:10:36.9 | 0.286 | -13.0 | 6.3 | 276 | |
| HIP 54537 | 11068+4328 | 11093851+4312278 | M2III | 11:09:38.50 | +43:12:27.8 | 11:09:38.51 | +43:12:27.8 | 0.132 | -67.0 | -6.4 | 304 | |
| HIP 54725 | 11098-3209 | 11121479-3226017 | M1III | 11:12:14.79 | -32:26:01.7 | 11:12:14.80 | -32:26:01.7 | 0.089 | 11.6 | 13.3 | 251 | |
| HIP 54811 | 11109-4405 | 11131467-4422200 | K7III | 11:13:14.69 | -44:22:20.0 | 11:13:14.68 | -44:22:20.0 | 0.087 | -5.4 | 1.9 | 219 | |
| HIP 54974 | 11128-1118 | 11152362-1135174 | M4III | 11:15:23.60 | -11:35:17.5 | 11:15:23.62 | -11:35:17.5 | 0.283 | 19.6 | -30.5 | 323 | |
| HIP 54999 | 11131-1219 | 11153977-1235333 | M3III | 11:15:39.77 | -12:35:33.3 | 11:15:39.77 | -12:35:33.4 | 0.109 | -2.7 | -12.2 | 478 | |
| HIP 55282 | 11168-1430 | 11192047-1446427 | K0III | 11:19:20.45 | -14:46:42.7 | 11:19:20.47 | -14:46:42.8 | 0.380 | -124.5 | 206.6 | 403 | |
| HIP 55283 | 11169-4449 | 11192116-4505359 | M4/M5Ib/II | 11:19:21.16 | -45:05:35.8 | 11:19:21.16 | -45:05:35.9 | 0.158 | -1.5 | 0.9 | 410 | |
| HIP 55347 | 11176-3458 | 11200313-3515237 | K5 | 11:20:03.12 | -35:15:23.9 | 11:20:03.13 | -35:15:23.8 | 0.124 | 7.7 | -6.0 | 232 | e |
| HIP 55687 | 11220-1035 | 11243658-1051334 | K5III | 11:24:36.59 | -10:51:33.6 | 11:24:36.59 | -10:51:33.5 | 0.110 | -24.1 | 24.5 | 447 | |
| HIP 56012 | 11259+4950 | 11284507+4933322 | M8 | 11:28:45.06 | +49:33:32.5 | 11:28:45.07 | +49:33:32.2 | 0.240 | -12.0 | -8.8 | 196 | |
| HIP 56293 | 11299-2628 | 11322327-2644484 | M1III | 11:32:23.28 | -26:44:48.5 | 11:32:23.27 | -26:44:48.5 | 0.170 | -82.9 | 19.7 | 293 | |
| HIP 56319 | 11303-4009 | 11324809-4026104 | K6III | 11:32:48.08 | -40:26:10.3 | 11:32:48.10 | -40:26:10.4 | 0.252 | -74.9 | 58.5 | 280 | |
| HIP 56332 | 11304-3048 | 11325413-3105138 | M2III | 11:32:54.13 | -31:05:13.9 | 11:32:54.13 | -31:05:13.9 | 0.145 | -28.6 | 4.0 | 391 | |
| HIP 56343 | 11305-3134 | 11330013-3151273 | G7III | 11:33:00.12 | -31:51:27.5 | 11:33:00.13 | -31:51:27.3 | 0.266 | -209.1 | -41.6 | 271 | m |
| HIP 56899 | 11372-1620 | 11395034-1637127 | M3II/III | 11:39:50.33 | -16:37:12.8 | 11:39:50.35 | -16:37:12.8 | 0.163 | -17.5 | -8.6 | 367 | |
| HIP 57047 | 11392-3213 | 11414395-3229577 | K5III+... | 11:41:43.95 | -32:29:57.9 | 11:41:43.96 | -32:29:57.8 | 0.135 | -5.5 | -33.4 | 209 | m |
| HIP 57399 | 11434+4803 | 11460303+4746457 | K0.5IIIb | 11:46:03.01 | +47:46:45.9 | 11:46:03.04 | +47:46:45.8 | 0.255 | -138.4 | 28.4 | 422 | |
| HIP 58519 | 11575+1941 | 12000472+1925100 | M3 | 12:00:04.70 | +19:25:09.7 | 12:00:04.72 | +19:25:10.0 | 0.441 | -94.0 | -27.7 | 360 | |
| HIP 60122 | 12173+4915 | 12194870+4859028 | M0III | 12:19:48.71 | +48:59:02.9 | 12:19:48.71 | +48:59:02.9 | 0.051 | -14.4 | 6.8 | 351 | |
| HIP 60421 | 12207-1132 | 12231888-1148434 | M0 | 12:23:18.87 | -11:48:43.6 | 12:23:18.88 | -11:48:43.5 | 0.248 | -51.0 | -10.5 | 261 | |
| HIP 60584 | 12226+5703 | 12250320+5646400 | M3III | 12:25:03.21 | +56:46:40.2 | 12:25:03.21 | +56:46:40.0 | 0.177 | -14.2 | -12.5 | 345 | |
| HIP 60795 | 12252+5559 | 12273508+5542458 | M2III | 12:27:35.10 | +55:42:45.8 | 12:27:35.09 | +55:42:45.9 | 0.135 | -20.9 | -11.4 | 248 | |
| HIP 60979 | 12272-4127 | 12295789-4144091 | M2II-III | 12:29:57.89 | -41:44:09.2 | 12:29:57.90 | -41:44:09.1 | 0.182 | 4.9 | -16.1 | 369 | |
| HIP 60999 | 12276+1810 | 12300747+1753442 | M... | 12:30:07.47 | +17:53:44.2 | 12:30:07.48 | +17:53:44.3 | 0.122 | -15.5 | 0.0 | 251 | |
| HIP 61658 | 12358+0207 | 12382239+0151167 | M3IIIb | 12:38:22.41 | +01:51:16.8 | 12:38:22.40 | +01:51:16.7 | 0.143 | -79.5 | -17.5 | 445 | |
| HIP 61908 | 12385-2738 | 12411372-2754296 | M3III | 12:41:13.72 | -27:54:29.5 | 12:41:13.72 | -27:54:29.7 | 0.180 | -29.3 | -2.6 | 260 | |
| HIP 63355 | 12564+1740 | 12585546+1724341 | M1IIIb | 12:58:55.44 | +17:24:34.0 | 12:58:55.47 | +17:24:34.1 | 0.367 | -38.7 | 35.0 | 463 | |
| HIP 63608 | 12596+1113 | 13021059+1057329 | G8III | 13:02:10.60 | +10:57:32.9 | 13:02:10.60 | +10:57:32.9 | 0.032 | -275.1 | 20.0 | 406 | m e |
| HIP 64022 | 13047+2753 | 13071072+2737288 | K5III | 13:07:10.73 | +27:37:29.1 | 13:07:10.72 | +27:37:28.8 | 0.252 | 33.3 | -68.2 | 321 | |
| HIP 64267 | 13081+4718 | 13102033+4702280 | M8 | 13:10:20.32 | +47:02:28.1 | 13:10:20.33 | +47:02:28.0 | 0.170 | -41.0 | 15.2 | 403 | |
| HIP 64645 | 13125+0446 | 13150288+0431028 | M... | 13:15:02.87 | +04:31:03.0 | 13:15:02.89 | +04:31:02.8 | 0.276 | -52.0 | -7.4 | 245 | |
| HIP 65309 | 13209+4715 | 13230549+4700071 | M4III | 13:23:05.49 | +47:00:07.2 | 13:23:05.49 | +47:00:07.1 | 0.064 | -14.6 | 16.1 | 452 | |
| HIP 65376 | 13216+3717 | 13235393+3702020 | M4III | 13:23:53.93 | +37:02:02.1 | 13:23:53.94 | +37:02:02.0 | 0.135 | 14.6 | -11.1 | 317 | |
| HIP 66417 | 13346+2452 | 13365908+2436478 | M2III | 13:36:59.08 | +24:36:47.9 | 13:36:59.08 | +24:36:47.8 | 0.034 | -25.9 | -2.3 | 275 | |
| HIP 66496 | 13354+1342 | 13375295+1326484 | M... | 13:37:52.93 | +13:26:48.4 | 13:37:52.96 | +13:26:48.4 | 0.426 | -37.7 | -46.1 | 465 | |
| HIP 66825 | 13388-3320 | 13414557-3335505 | K6:II:ev | 13:41:45.56 | -33:35:50.6 | 13:41:45.58 | -33:35:50.6 | 0.145 | -27.6 | 3.4 | 338 | |
| HIP 67263 | 13451+4758 | 13471089+4743447 | M... | 13:47:10.90 | +47:43:44.8 | 13:47:10.89 | +47:43:44.8 | 0.144 | -24.0 | -4.8 | 327 | |
| HIP 67480 | 13473+2130 | 13494284+2115505 | K4III | 13:49:42.83 | +21:15:50.8 | 13:49:42.84 | +21:15:50.6 | 0.238 | 21.1 | 17.0 | 224 | |
| HIP 67605 | 13489+3454 | 13510922+3439521 | M2III | 13:51:09.22 | +34:39:51.8 | 13:51:09.23 | +34:39:52.1 | 0.302 | 10.0 | -53.8 | 208 | |
| HIP 67662 | 13496+3955 | 13514710+3940099 | M3 | 13:51:47.10 | +39:40:09.9 | 13:51:47.11 | +39:40:10.0 | 0.117 | 4.7 | -18.5 | 316 | |
| HIP 67799 | 13514+5234 | 13532019+5219229 | M3 | 13:53:20.19 | +52:19:22.8 | 13:53:20.19 | +52:19:23.0 | 0.203 | -13.7 | 0.2 | 334 | |
| HIP 68103 | 13542+2744 | 13563418+2729313 | K3III | 13:56:34.18 | +27:29:31.5 | 13:56:34.18 | +27:29:31.3 | 0.149 | 28.2 | -47.8 | 217 | |
| HIP 68137 | 13544+0649 | 13565954+0634286 | M7 | 13:56:59.53 | +06:34:28.8 | 13:56:59.55 | +06:34:28.7 | 0.285 | -22.1 | -6.2 | 434 | e |
| HIP 68895 | 14035-2626 | 14062229-2640565 | K1III-IV | 14:06:22.30 | -26:40:56.5 | 14:06:22.29 | -26:40:56.5 | 0.060 | 43.0 | -140.8 | 449 | b |
| HIP 68913 | 14041+1712 | 14062960+1658125 | M0 | 14:06:29.60 | +16:58:12.8 | 14:06:29.60 | +16:58:12.6 | 0.240 | -4.9 | 12.5 | 352 | |
| HIP 69068 | 14064+4941 | 14081734+4927294 | M1.5III | 14:08:17.30 | +49:27:29.4 | 14:08:17.34 | +49:27:29.4 | 0.400 | -59.5 | 60.3 | 446 | |
| HIP 69373 | 14111+6939 | 14120399+6925573 | M2III | 14:12:04.01 | +69:25:57.2 | 14:12:03.99 | +69:25:57.4 | 0.220 | -26.1 | -49.5 | 450 | m |
| HIP 69614 | 14123+0334 | 14145303+0320090 | M4III | 14:14:53.02 | +03:20:09.2 | 14:14:53.03 | +03:20:09.1 | 0.211 | -50.0 | -24.8 | 308 | |
| HIP 69829 | 14150+1529 | 14172843+1515478 | M3III | 14:17:28.45 | +15:15:48.2 | 14:17:28.43 | +15:15:47.9 | 0.402 | 15.3 | 7.7 | 288 | |
| HIP 70188 | 14189-0209 | 14213496-0223081 | M5 | 14:21:34.96 | -02:23:08.2 | 14:21:34.97 | -02:23:08.2 | 0.076 | -15.4 | -16.4 | 268 | |
| HIP 70291 | 14212+5402 | 14225290+5348375 | M5.5e | 14:22:52.92 | +53:48:37.3 | 14:22:52.90 | +53:48:37.6 | 0.340 | 5.4 | -12.0 | 192 | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 70800 | 14265+2604 | 14284603+2551144 | M3II | 14:28:46.03 | +25:51:14.0 | 14:28:46.03 | +25:51:14.5 | 0.492 | 12.8 | -11.6 | 224 | |
| HIP 71280 | 14329+4935 | 14343961+4922061 | M1III | 14:34:39.62 | +49:22:06.1 | 14:34:39.62 | +49:22:06.1 | 0.068 | -45.8 | 50.4 | 185 | |
| HIP 71900 | 14408+5500 | 14422323+5448122 | M2 | 14:42:23.25 | +54:48:12.3 | 14:42:23.23 | +54:48:12.2 | 0.141 | 17.0 | -14.0 | 218 | |
| HIP 72026 | 14425+5619 | 14440191+5606249 | M2 | 14:44:01.90 | +56:06:25.3 | 14:44:01.92 | +56:06:25.0 | 0.296 | -23.1 | 7.2 | 168 | e |
| HIP 72122 | 14426-0112 | 14451171-0125032 | M1III | 14:45:11.71 | -01:25:03.1 | 14:45:11.72 | -01:25:03.3 | 0.207 | -56.7 | -0.7 | 222 | |
| HIP 73223 | 14520-7627 | 14575300-7639454 | K4III: | 14:57:52.98 | -76:39:45.6 | 14:57:53.01 | -76:39:45.5 | 0.130 | -68.6 | -16.1 | 179 | |
| HIP 73350 | 14568+0445 | 14592311+0434038 | M1III | 14:59:23.12 | +04:34:03.9 | 14:59:23.12 | +04:34:03.9 | 0.044 | 1.2 | -4.8 | 257 | |
| HIP 73497 | 14587-0233 | 15011981-0245177 | M0III | 15:01:19.83 | -02:45:17.7 | 15:01:19.81 | -02:45:17.7 | 0.231 | 28.7 | -22.4 | 311 | |
| HIP 73555 | 15000+4035 | 15015676+4023259 | G8IIIa | 15:01:56.76 | +40:23:26.0 | 15:01:56.76 | +40:23:25.9 | 0.103 | -40.2 | -29.2 | 264 | |
| HIP 73568 | 14599+2512 | 15020649+2500290 | K4III | 15:02:06.51 | +25:00:29.3 | 15:02:06.50 | +25:00:29.1 | 0.277 | -5.9 | -48.6 | 357 | |
| HIP 73745 | 15022+2708 | 15042675+2656514 | K2III | 15:04:26.74 | +26:56:51.5 | 15:04:26.75 | +26:56:51.5 | 0.147 | -176.3 | -4.5 | 283 | |
| HIP 74082 | 15075+6558 | 15081940+6547191 | M0 | 15:08:19.39 | +65:47:19.3 | 15:08:19.40 | +65:47:19.2 | 0.097 | -13.5 | 18.6 | 204 | |
| HIP 74337 | 15099+5005 | 15113496+4954109 | M0 | 15:11:34.98 | +49:54:10.9 | 15:11:34.96 | +49:54:11.0 | 0.207 | -6.9 | -2.5 | 231 | |
| HIP 74571 | 15123+4221 | 15141032+4210171 | M2III | 15:14:10.31 | +42:10:17.1 | 15:14:10.32 | +42:10:17.1 | 0.140 | 23.7 | -16.1 | 242 | |
| HIP 74666 | 15134+3329 | 15153015+3318537 | G8III | 15:15:30.16 | +33:18:53.4 | 15:15:30.16 | +33:18:53.8 | 0.384 | 84.8 | -110.6 | 336 | m |
| HIP 75257 | 15207+3945 | 15223738+3934531 | K4III | 15:22:37.37 | +39:34:53.3 | 15:22:37.38 | +39:34:53.1 | 0.204 | 2.2 | -13.8 | 202 | |
| HIP 75530 | 15234+1536 | 15254741+1525407 | M1III | 15:25:47.40 | +15:25:40.9 | 15:25:47.41 | +15:25:40.8 | 0.254 | -14.0 | -7.5 | 390 | |
| HIP 75674 | 15254+2516 | 15273887+2506059 | M1III | 15:27:38.87 | +25:06:05.9 | 15:27:38.88 | +25:06:05.9 | 0.099 | 5.7 | -12.7 | 203 | |
| HIP 76008 | 15328+7731 | 15312494+7720576 | K5III | 15:31:24.93 | +77:20:57.7 | 15:31:24.94 | +77:20:57.6 | 0.078 | -46.9 | 5.3 | 306 | |
| HIP 76307 | 15334+3910 | 15351491+3900361 | M1.5III | 15:35:14.92 | +39:00:36.2 | 15:35:14.92 | +39:00:36.2 | 0.055 | 24.6 | 8.6 | 411 | |
| HIP 76343 | 15334+2555 | 15353656+2545098 | M8 | 15:35:36.58 | +25:45:10.1 | 15:35:36.57 | +25:45:09.9 | 0.275 | -7.2 | -10.8 | 477 | e |
| HIP 76460 | 15349+3244 | 15365516+3234543 | M6 | 15:36:55.17 | +32:34:54.3 | 15:36:55.17 | +32:34:54.4 | 0.055 | 8.2 | -31.9 | 185 | |
| HIP 77661 | 15490+2107 | 15511590+2058405 | K5III | 15:51:15.91 | +20:58:40.5 | 15:51:15.91 | +20:58:40.5 | 0.016 | -54.7 | 18.0 | 434 | |
| HIP 77902 | 15523+2027 | 15543462+2018395 | M0III | 15:54:34.61 | +20:18:39.5 | 15:54:34.63 | +20:18:39.5 | 0.250 | -83.8 | 43.0 | 253 | |
| HIP 78159 | 15555+2701 | 15573523+2652400 | K2III | 15:57:35.25 | +26:52:40.4 | 15:57:35.23 | +26:52:40.0 | 0.399 | -76.5 | -60.2 | 264 | m |
| HIP 78276 | 15571+3647 | 15585771+3638374 | K5III | 15:58:57.71 | +36:38:37.6 | 15:58:57.72 | +36:38:37.5 | 0.109 | 25.2 | 27.6 | 161 | |
| HIP 80197 | 16204+3354 | 16222143+3347564 | M2III | 16:22:21.43 | +33:47:56.6 | 16:22:21.44 | +33:47:56.4 | 0.233 | 5.5 | -38.2 | 455 | m |
| HIP 80214 | 16205+3349 | 16222923+3342122 | K5III | 16:22:29.22 | +33:42:12.5 | 16:22:29.23 | +33:42:12.3 | 0.297 | -5.2 | 50.0 | 198 | m |
| HIP 80432 | 16230+2921 | 16250498+2915039 | M3 | 16:25:04.99 | +29:15:04.0 | 16:25:04.99 | +29:15:03.9 | 0.047 | -24.0 | -8.7 | 371 | |
| HIP 80610 | 16250+0258 | 16273227+0252142 | K5 | 16:27:32.27 | +02:52:14.3 | 16:27:32.27 | +02:52:14.2 | 0.044 | 6.4 | -10.4 | 188 | e |
| HIP 80898 | 16290+2218 | 16311344+2211435 | K5III | 16:31:13.43 | +22:11:43.6 | 16:31:13.45 | +22:11:43.6 | 0.229 | -10.2 | 7.8 | 229 | |
| HIP 81008 | 16302+1135 | 16323628+1129168 | K4III | 16:32:36.29 | +11:29:16.9 | 16:32:36.29 | +11:29:16.9 | 0.115 | -178.4 | -79.2 | 415 | |
| HIP 81411 | 16354+2232 | 16373766+2226413 | M6 | 16:37:37.66 | +22:26:41.5 | 16:37:37.67 | +22:26:41.4 | 0.170 | -6.2 | -7.8 | 397 | |
| HIP 81483 | 16371+4857 | 16383254+4851440 | M... | 16:38:32.54 | +48:51:44.3 | 16:38:32.55 | +48:51:44.0 | 0.247 | 2.5 | -19.8 | 273 | |
| HIP 81833 | 16411+3900 | 16425376+3855202 | G7.5IIIb | 16:42:53.77 | +38:55:20.1 | 16:42:53.76 | +38:55:20.2 | 0.122 | 35.6 | -85.0 | 275 | m |
| HIP 82080 | 16510+8207 | 16455813+8202141 | G5III | 16:45:58.24 | +82:02:14.1 | 16:45:58.14 | +82:02:14.1 | 0.227 | 19.5 | 4.7 | 170 | m |
| HIP 83172 | 16578+2723 | 16595292+2718573 | MIII | 16:59:52.91 | +27:18:57.4 | 16:59:52.93 | +27:18:57.3 | 0.247 | -25.1 | 2.3 | 193 | |
| HIP 84833 | 17181+1806 | 17201887+1803256 | M2III | 17:20:18.87 | +18:03:25.5 | 17:20:18.87 | +18:03:25.6 | 0.160 | 9.0 | -55.7 | 454 | |
| HIP 84835 | 17189+4617 | 17202112+4614269 | M0III | 17:20:21.12 | +46:14:26.8 | 17:20:21.12 | +46:14:27.0 | 0.177 | -29.8 | 40.9 | 228 | |
| HIP 84938 | 17193+1646 | 17213344+1643523 | M2III | 17:21:33.44 | +16:43:52.4 | 17:21:33.44 | +16:43:52.4 | 0.038 | -6.5 | -15.5 | 190 | |
| HIP 84948 | 17196+2258 | 17214236+2255159 | M5e | 17:21:42.36 | +22:55:16.0 | 17:21:42.37 | +22:55:16.0 | 0.156 | -16.8 | 2.4 | 347 | |
| HIP 86153 | 17343+2735 | 17362141+2733595 | M1II | 17:36:21.42 | +27:33:59.6 | 17:36:21.42 | +27:33:59.6 | 0.340 | -4.6 | -69.4 | 311 | |
| HIP 86395 | 17378+4610 | 17391335+4609178 | M5 | 17:39:13.35 | +46:09:17.9 | 17:39:13.36 | +46:09:17.9 | 0.088 | 6.0 | 7.7 | 252 | |
| HIP 86709 | 17410+2940 | 17430130+2939103 | M1II | 17:43:01.31 | +29:39:10.5 | 17:43:01.30 | +29:39:10.3 | 0.148 | 10.5 | -14.1 | 303 | |
| HIP 86929 | 17408-6442 | 17454400-6443260 | K2II | 17:45:43.99 | -64:43:25.9 | 17:45:44.01 | -64:43:26.1 | 0.179 | -11.1 | -56.4 | 402 | |
| HIP 87114 | 17462+3634 | 17475670+3633185 | M0 | 17:47:56.71 | +36:33:18.5 | 17:47:56.71 | +36:33:18.6 | 0.082 | 20.3 | -8.9 | 203 | |
| HIP 87585 | 17526+5652 | 17533173+5652216 | K2III | 17:53:31.73 | +56:52:21.5 | 17:53:31.73 | +56:52:21.7 | 0.167 | 93.7 | 78.4 | 338 | m |
| HIP 87808 | 17545+3715 | 17561517+3715019 | K1IIaCN+... | 17:56:15.18 | +37:15:01.9 | 17:56:15.17 | +37:15:02.0 | 0.115 | 2.7 | 7.2 | 370 | |
| HIP 87933 | 17558+2915 | 17574588+2914523 | G8III | 17:57:45.89 | +29:14:52.4 | 17:57:45.89 | +29:14:52.4 | 0.035 | 82.3 | -18.7 | 207 | |
| HIP 88122 | 17585+4530 | 17595621+4530046 | M0III | 17:59:56.21 | +45:30:05.0 | 17:59:56.22 | +45:30:04.7 | 0.311 | 3.9 | -34.0 | 185 | |
| HIP 88923 | 18072+3100 | 18090622+3101162 | M4e | 18:09:06.21 | +31:01:16.2 | 18:09:06.22 | +31:01:16.2 | 0.162 | -2.1 | 7.7 | 251 | m e |
| HIP 89258 | 18080-6337 | 18125296-6336573 | M5e | 18:12:52.95 | -63:36:57.3 | 18:12:52.96 | -63:36:57.4 | 0.167 | -26.2 | 14.5 | 339 | |
| HIP 89826 | 18181+3602 | 18195170+3603523 | K2III | 18:19:51.71 | +36:03:52.4 | 18:19:51.70 | +36:03:52.3 | 0.072 | -16.1 | 41.3 | 204 | |
| HIP 90098 | 18186-6131 | 18231360-6129378 | K4III | 18:23:13.62 | -61:29:38.0 | 18:23:13.61 | -61:29:37.9 | 0.201 | 0.5 | 1.7 | 448 | m |
| HIP 91516 | 18354-5920 | 18394867-5918060 | M4III | 18:39:48.67 | -59:18:06.0 | 18:39:48.68 | -59:18:06.0 | 0.044 | 4.0 | -3.1 | 252 | |
| HIP 92512 | 18504+5919 | 18511210+5923179 | G9IIIb | 18:51:12.10 | +59:23:18.1 | 18:51:12.10 | +59:23:18.0 | 0.097 | 77.6 | 25.4 | 178 | m |
| HIP 92630 | 18487-4639 | 18522723-4635423 | M0III | 18:52:27.23 | -46:35:42.4 | 18:52:27.23 | -46:35:42.3 | 0.098 | 29.0 | 0.1 | 267 | |
| HIP 93309 | 18586+4036 | 19001907+4041023 | M4IIIa | 19:00:19.06 | +40:41:02.4 | 19:00:19.07 | +40:41:02.3 | 0.152 | 1.8 | -15.4 | 367 | |
| HIP 94376 | 19125+6734 | 19123328+6739415 | G9III | 19:12:33.30 | +67:39:41.5 | 19:12:33.29 | +67:39:41.5 | 0.073 | 94.5 | 92.3 | 468 | m |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | Dec. | Offset S/2M [arcsec] | Proper motion ΔR.A. [mas/yr] | ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 94779 | 19159+5316 | 19170616+5322066 | G9III | 19:17:06.17 | +53:22:06.5 | 19:17:06.17 | +53:22:06.6 | 0.174 | 60.2 | 122.9 | 205 | |
| HIP 95038 | 19193+5732 | 19201603+5738424 | M1III | 19:20:16.03 | +57:38:42.5 | 19:20:16.04 | +57:38:42.4 | 0.023 | 28.3 | 4.9 | 216 | |
| HIP 95999 | 19259-6832 | 19311096-6826022 | K4.5III | 19:31:10.97 | -68:26:02.1 | 19:31:10.97 | -68:26:02.2 | 0.118 | 17.2 | -13.4 | 191 | |
| HIP 96065 | 19279-5416 | 19315713-5409545 | M4III | 19:31:57.13 | -54:09:54.9 | 19:31:57.13 | -54:09:54.6 | 0.299 | -8.8 | -11.9 | 303 | |
| HIP 96399 | 19320-5307 | 19355720-5300290 | M4/M5III | 19:35:57.20 | -53:00:29.1 | 19:35:57.20 | -53:00:29.1 | 0.008 | -6.2 | -48.8 | 437 | |
| HIP 97433 | 19483+7008 | 19481035+7016045 | G8III | 19:48:10.35 | +70:16:04.5 | 19:48:10.35 | +70:16:04.5 | 0.035 | 80.2 | 39.0 | 205 | m |
| HIP 97598 | 19465-4741 | 19501405-4733264 | M1III | 19:50:14.06 | -47:33:26.6 | 19:50:14.05 | -47:33:26.5 | 0.160 | 8.5 | -13.0 | 250 | |
| HIP 97644 | 19451-7153 | 19504347-7146171 | M4e | 19:50:43.48 | -71:46:17.2 | 19:50:43.48 | -71:46:17.1 | 0.125 | 0.5 | -5.4 | 356 | e |
| HIP 97935 | 19505-4935 | 19541351-4927423 | M6III | 19:54:13.51 | -49:27:42.3 | 19:54:13.52 | -49:27:42.3 | 0.065 | 12.7 | -7.9 | 190 | |
| HIP 98032 | 19518-4200 | 19551570-4152056 | K0II-III | 19:55:15.70 | -41:52:05.8 | 19:55:15.70 | -41:52:05.6 | 0.228 | 23.4 | 51.6 | 288 | |
| HIP 98401 | 20010+7620 | 19593664+7628529 | M3III | 19:59:36.63 | +76:28:53.0 | 19:59:36.65 | +76:28:52.9 | 0.111 | -26.9 | -59.5 | 198 | m |
| HIP 98815 | 20002-5121 | 20040327-5112448 | M4/M5III | 20:04:03.26 | -51:12:44.9 | 20:04:03.27 | -51:12:44.9 | 0.094 | -1.7 | -0.7 | 494 | e |
| HIP 100926 | 20251-0549 | 20274613-0539151 | M... | 20:27:46.14 | -05:39:15.2 | 20:27:46.13 | -05:39:15.1 | 0.123 | 7.2 | -9.3 | 390 | |
| HIP 101316 | 20298+1827 | 20320796+1837394 | M4II-III | 20:32:07.99 | +18:37:39.4 | 20:32:07.97 | +18:37:39.5 | 0.282 | 11.9 | -5.5 | 202 | |
| HIP 101512 | 20320+1921 | 20341635+1931501 | M... | 20:34:16.35 | +19:31:50.1 | 20:34:16.35 | +19:31:50.1 | 0.010 | 11.6 | 8.3 | 201 | |
| HIP 101772 | 20340-4728 | 20373402-4717292 | K0III-IV | 20:37:34.03 | -47:17:29.4 | 20:37:34.02 | -47:17:29.2 | 0.200 | 49.2 | 66.1 | 403 | m |
| HIP 102096 | 20380-4218 | 20412466-4208016 | M4III | 20:41:24.67 | -42:08:01.6 | 20:41:24.67 | -42:08:01.6 | 0.010 | 48.9 | -33.2 | 439 | |
| HIP 102790 | 20460-4624 | 20492897-4613367 | K5III | 20:49:28.96 | -46:13:36.8 | 20:49:28.97 | -46:13:36.8 | 0.234 | 37.9 | 27.3 | 290 | |
| HIP 103227 | 20509-5838 | 20544860-5827149 | K1II | 20:54:48.60 | -58:27:15.0 | 20:54:48.61 | -58:27:15.0 | 0.047 | 21.1 | -24.8 | 361 | m |
| HIP 103675 | 20581+1907 | 21002768+1919463 | M3III | 21:00:27.69 | +19:19:46.5 | 21:00:27.69 | +19:19:46.3 | 0.166 | -17.0 | -59.7 | 377 | m |
| HIP 103891 | 21006+1443 | 21030179+1443481 | M1III | 21:03:01.79 | +14:43:48.1 | 21:03:01.80 | +14:43:48.2 | 0.079 | 25.6 | 4.8 | 201 | |
| HIP 104279 | 21049-0021 | 21073287-0009497 | M3 | 21:07:32.88 | -00:09:49.9 | 21:07:32.87 | -00:09:49.7 | 0.144 | -5.0 | -8.6 | 462 | b m |
| HIP 104357 | 21059+0647 | 21082813+0659218 | K5III | 21:08:28.14 | +06:59:21.7 | 21:08:28.13 | +06:59:21.8 | 0.147 | -9.9 | 1.7 | 185 | |
| HIP 105224 | 21164+1059 | 21185202+1112120 | K5III | 21:18:52.03 | +11:12:12.1 | 21:18:52.03 | +11:12:12.0 | 0.113 | 21.1 | 15.5 | 198 | |
| HIP 105788 | 21222-4155 | 21252834-4142071 | M3III | 21:25:28.36 | -41:42:07.4 | 21:25:28.35 | -41:42:07.1 | 0.257 | 21.2 | 1.6 | 257 | |
| HIP 105881 | 21238-2237 | 21264003-2224407 | G4Ibp... | 21:26:40.03 | -22:24:40.8 | 21:26:40.03 | -22:24:40.8 | 0.112 | -2.6 | 18.9 | 182 | m |
| HIP 106021 | 21259+0758 | 21282484+0811443 | M1 | 21:28:24.84 | +08:11:44.3 | 21:28:24.84 | +08:11:44.3 | 0.077 | 6.9 | -27.2 | 209 | |
| HIP 106870 | 21360-0422 | 21384124-0409009 | M5 | 21:38:41.23 | -04:09:01.4 | 21:38:41.24 | -04:09:00.9 | 0.513 | -10.9 | -30.2 | 233 | |
| HIP 107054 | 21379-3444 | 21405563-3431125 | M5III | 21:40:55.65 | -34:31:12.8 | 21:40:55.64 | -34:31:12.6 | 0.292 | 6.8 | -7.2 | 197 | |
| HIP 107089 | 21360-7736 | 21412863-7723243 | K1III | 21:41:28.65 | -77:23:24.2 | 21:41:28.63 | -77:23:24.3 | 0.169 | 64.8 | -240.4 | 245 | m |
| HIP 108236 | 21528-2122 | 21553836-2108237 | M3III | 21:55:38.37 | -21:08:23.9 | 21:55:38.37 | -21:08:23.8 | 0.110 | -38.2 | -30.1 | 272 | m |
| HIP 108494 | 21559-2125 | 21584378-2110588 | M2III | 21:58:43.79 | -21:10:58.6 | 21:58:43.79 | -21:10:58.8 | 0.235 | 27.8 | -6.3 | 378 | |
| HIP 108982 | 22017-3556 | 22044240-3541467 | M5III | 22:04:42.40 | -35:41:46.9 | 22:04:42.40 | -35:41:46.8 | 0.132 | 56.5 | 10.9 | 323 | |
| HIP 109068 | 22031+0448 | 22054074+0503306 | K4III | 22:05:40.75 | +05:03:30.7 | 22:05:40.75 | +05:03:30.6 | 0.095 | 101.6 | 101.2 | 257 | |
| HIP 109111 | 22031-3947 | 22060688-3932360 | K3III | 22:06:06.89 | -39:32:36.1 | 22:06:06.89 | -39:32:36.1 | 0.054 | -24.2 | -125.2 | 249 | |
| HIP 109201 | 22046-1041 | 22071811-1026487 | M3 | 22:07:18.11 | -10:26:48.7 | 22:07:18.11 | -10:26:48.7 | 0.058 | 8.6 | -1.2 | 208 | |
| HIP 109282 | 22053-3448 | 22081938-3433217 | M3III | 22:08:19.38 | -34:33:21.6 | 22:08:19.38 | -34:33:21.8 | 0.183 | 20.8 | -62.5 | 196 | |
| HIP 109937 | 22138+3730 | 22155816+3744553 | K3II-III | 22:15:58.18 | +37:44:55.5 | 22:15:58.17 | +37:44:55.3 | 0.138 | 8.7 | 0.8 | 376 | |
| HIP 109955 | 22127-5749 | 22160821-5734050 | M5III | 22:16:08.21 | -57:34:05.1 | 22:16:08.21 | -57:34:05.0 | 0.126 | 18.2 | -12.4 | 252 | m |
| HIP 110146 | 22159-2109 | 22183931-2054037 | Se... | 22:18:39.32 | -20:54:04.1 | 22:18:39.32 | -20:54:03.8 | 0.298 | -4.5 | -6.3 | 430 | e |
| HIP 110346 | 22186+2640 | 22210005+2656066 | M4III | 22:21:00.06 | +26:56:06.6 | 22:21:00.06 | +26:56:06.6 | 0.027 | 14.1 | -7.4 | 369 | |
| HIP 110509 | 22204-2218 | 22231286-2203239 | M5 | 22:23:12.87 | -22:03:23.8 | 22:23:12.86 | -22:03:23.9 | 0.163 | 31.5 | -5.4 | 441 | |
| HIP 110703 | 22226-5004 | 22254616-4949331 | M5/M6III | 22:25:46.17 | -49:49:33.3 | 22:25:46.17 | -49:49:33.1 | 0.119 | 24.1 | -2.5 | 227 | |
| HIP 110997 | 22262-4345 | 22291618-4329438 | G7III | 22:29:16.17 | -43:29:44.0 | 22:29:16.19 | -43:29:43.9 | 0.201 | 25.6 | -4.2 | 178 | m |
| HIP 111946 | 22372-6148 | 22403349-6133134 | M4.5:IIe | 22:40:33.48 | -61:33:13.5 | 22:40:33.49 | -61:33:13.4 | 0.162 | -5.9 | -3.3 | 338 | e |
| HIP 112102 | 22395-2937 | 22422209-2921396 | M5III | 22:42:22.09 | -29:21:39.8 | 22:42:22.10 | -29:21:39.7 | 0.153 | 16.2 | -19.2 | 395 | |
| HIP 112158 | 22406+2957 | 22430012+3013165 | G2II-III+... | 22:43:00.14 | +30:13:16.5 | 22:43:00.13 | +30:13:16.5 | 0.132 | 13.1 | -26.1 | 425 | m |
| HIP 112205 | 22406-4023 | 22433023-4007438 | M4III | 22:43:30.23 | -40:07:43.8 | 22:43:30.23 | -40:07:43.8 | 0.081 | 31.8 | -26.4 | 243 | |
| HIP 112440 | 22441+2318 | 22463188+2333564 | G8Iab: | 22:46:31.88 | +23:33:56.4 | 22:46:31.88 | +23:33:56.5 | 0.128 | 57.0 | -10.5 | 232 | |
| HIP 112748 | 22475+2420 | 22500017+2436056 | G8III | 22:50:00.19 | +24:36:05.7 | 22:50:00.17 | +24:36:05.7 | 0.260 | 144.1 | -43.4 | 361 | |
| HIP 113173 | 22525+1917 | 22550096+1933350 | M... | 22:55:00.97 | +19:33:35.0 | 22:55:00.97 | +19:33:35.1 | 0.115 | -9.9 | -25.5 | 366 | |
| HIP 113410 | 22556+2114 | 22580642+2130475 | M... | 22:58:06.42 | +21:30:47.4 | 22:58:06.42 | +21:30:47.5 | 0.120 | 30.9 | -32.4 | 209 | |
| HIP 113957 | 23017-5414 | 23043964-5357534 | K5III | 23:04:39.63 | -53:57:53.7 | 23:04:39.65 | -53:57:53.5 | 0.266 | 57.0 | -106.2 | 183 | |
| HIP 114971 | 23146+0300 | 23170996+0316563 | G9III: | 23:17:09.94 | +03:16:56.2 | 23:17:09.97 | +03:16:56.3 | 0.472 | 760.4 | 18.0 | 267 | |
| HIP 115271 | 23183+3008 | 23204954+3024538 | M0III | 23:20:49.56 | +30:24:53.7 | 23:20:49.55 | +30:24:53.8 | 0.155 | 77.4 | -68.8 | 210 | |
| HIP 115433 | 23200-6019 | 23225677-6003209 | M3III | 23:22:56.78 | -60:03:21.0 | 23:22:56.78 | -60:03:21.0 | 0.039 | 82.8 | -5.3 | 326 | |
| HIP 115530 | 23217+4120 | 23240887+4136463 | M0 | 23:24:08.87 | +41:36:46.3 | 23:24:08.88 | +41:36:46.4 | 0.119 | -12.1 | 2.3 | 412 | |
| HIP 115537 | 23214-5209 | 23241327-5153284 | M0III | 23:24:13.26 | -51:53:28.2 | 23:24:13.27 | -51:53:28.4 | 0.217 | 23.2 | -37.0 | 163 | |
| HIP 115743 | 23245+4914 | 23265737+4930590 | N... | 23:26:57.36 | +49:30:59.0 | 23:26:57.37 | +49:30:59.1 | 0.135 | -3.4 | -2.5 | 220 | |

Table 5: continued.

| Name | IRAS | 2MASS J | Spectral type | SIMBAD Coordinates (Equinox, Epoch 2000.0) R.A. | SIMBAD Coordinates (Equinox, Epoch 2000.0) Dec. | 2MASS Coordinates (Equinox, Epoch 2000.0) R.A. | 2MASS Coordinates (Equinox, Epoch 2000.0) Dec. | Offset S/2M [arcesc] | Proper motion ΔR.A. [mas/yr] | Proper motion ΔDec. [mas/yr] | expected $F(70\,\mu m)$ [mJy] | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIP 116307 | 23314+2033 | 23335548+2050273 | M3III | 23:33:55.49 | +20:50:27.4 | 23:33:55.49 | +20:50:27.4 | 0.048 | -12.3 | -15.2 | 432 | |
| HIP 117099 | 23416-5442 | 23441920-5426097 | M3III | 23:44:19.19 | -54:26:09.8 | 23:44:19.21 | -54:26:09.7 | 0.196 | -0.9 | -9.7 | 401 | e |
| HIP 117280 | 23443+2808 | 23465242+2825107 | M0 | 23:46:52.41 | +28:25:10.8 | 23:46:52.43 | +28:25:10.8 | 0.159 | 1.8 | -24.0 | 377 | m |
| HIP 117520 | 23473-6124 | 23495822-6108073 | M5III | 23:49:58.21 | -61:08:07.2 | 23:49:58.22 | -61:08:07.3 | 0.108 | 14.9 | 8.9 | 304 | |
| HIP 117628 | 23487+0902 | 23512125+0918480 | M3III | 23:51:21.25 | +09:18:48.1 | 23:51:21.25 | +09:18:48.0 | 0.050 | -9.8 | -65.5 | 414 | b |
| HIP 117703 | 23496-1607 | 23521461-1551165 | M1/M2Ib/II | 23:52:14.62 | -15:51:16.7 | 23:52:14.61 | -15:51:16.6 | 0.172 | 12.9 | -16.2 | 279 | |
| HIP 117747 | 23502-1217 | 23524755-1201010 | M4III | 23:52:47.56 | -12:01:00.9 | 23:52:47.56 | -12:01:01.1 | 0.174 | -11.0 | -25.6 | 290 | e |

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