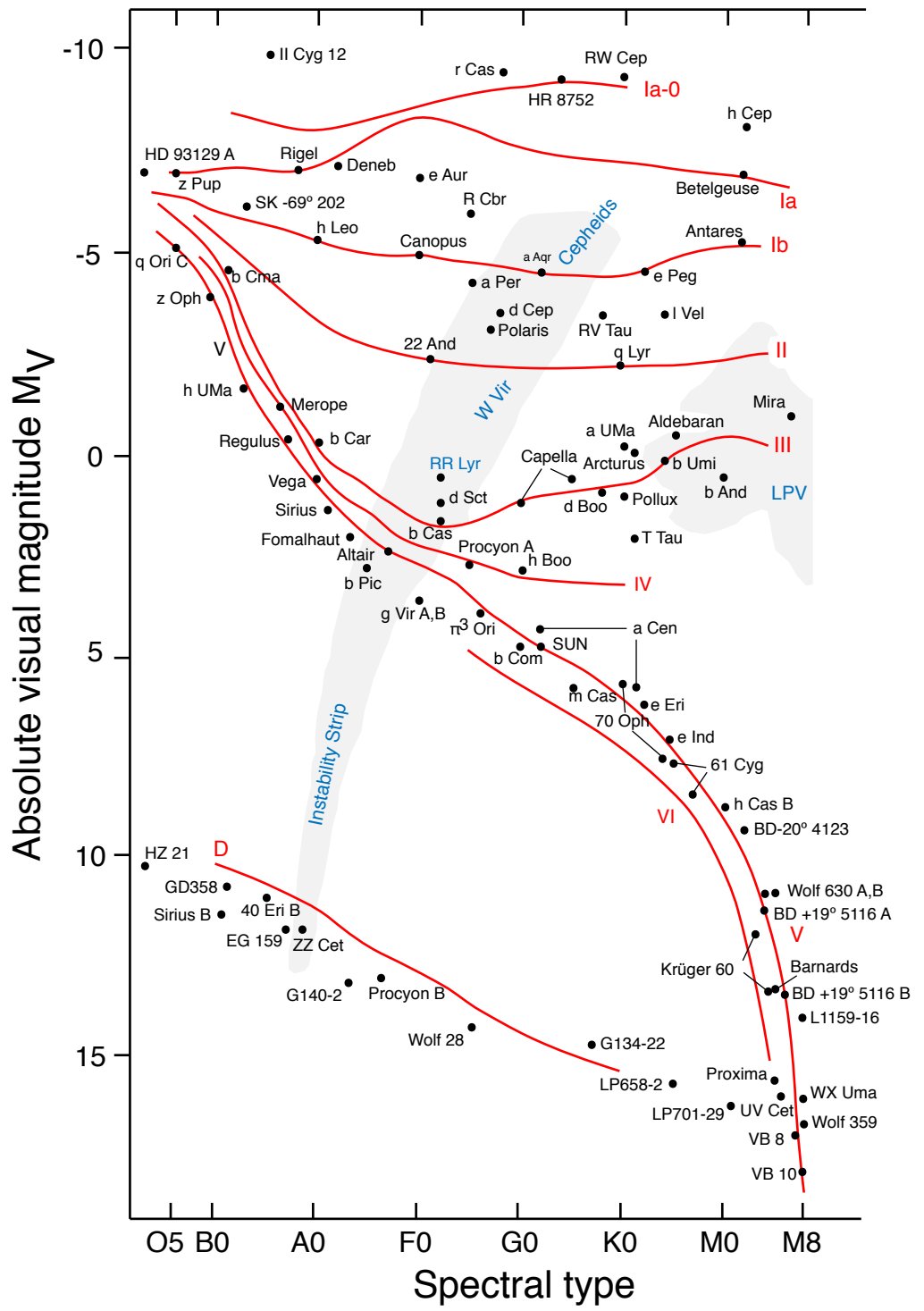
Absolute visual magnitude M_V
Spectral type
-10
-5
0
5
10
15
O5
B0
A0
F0
G0
K0
M0
M8
Ia-0
Ia
Ib
II
III
IV
V
VI
D
LPV
Cepheids
W Vir
RR Lyr
Instability Strip
II Cyg 12
r Cas
RW Cep
HR 8752
h Cep
HD 93129 A
Rigel
Deneb
e Aur
z Pup
Betelgeuse
SK -69° 202
R Cbr
h Leo
Canopus
Antares
q Ori C
b Cma
a Aqr
e Peg
a Per
z Oph
d Cep
Polaris
RV Tau
l Vel
22 And
q Lyr
h UMa
Merope
Mira
Aldebaran
a UMa
Regulus
b Car
Capella
Arcturus
b Umi
Vega
d Sct
d Boo
Pollux
b And
Sirius
b Cas
T Tau
Fomalhaut
Procyon A
Altair
h Boo
b Pic
g Vir A,B
π3 Ori
a Cen
SUN
b Com
m Cas
e Eri
70 Oph
e Ind
61 Cyg
h Cas B
BD-20° 4123
HZ 21
GD358
Wolf 630 A,B
Sirius B
40 Eri B
BD +19° 5116 A
EG 159
ZZ Cet
Krüger 60
Barnards
G140-2
Procyon B
BD +19° 5116 B
L1159-16
Wolf 28
G134-22
Proxima
LP658-2
WX Uma
LP701-29
UV Cet
Wolf 359
VB 8
VB 10