

Supernova progenitor candidates

Identifier ↕	Epoch J2000		Constellation ↕	Distance (light years) ↕	Spectral class ↕	Possible supernova type ↕	Notes ↕
	R. A. ↕	Dec. ↕					
IK Pegasi	21 ^h 26 ^m 26.7 ^s	+19° 22′ 32″	Pegasus	154.4 ± 1.0 ^[4]	A8m:/DA	Ia	^[5] ^[6] ^[7]
Spica	13 ^h 25 ^m 11.6 ^s	−11° 09′ 40.8″	Virgo	250 ⁺¹⁴ _{−13} ^[8]	B1		^[7]
Alpha Lupi	14 ^h 41 ^m 55.8 ^s	−47° 23′ 17″	Lupus	465 ⁺¹² _{−11} ^[8]	B1.5	II	^[9] ^[7]
Antares	16 ^h 29 ^m 24.5 ^s	−26° 25′ 55″	Scorpius	554 ⁺¹¹³ _{−80} ^[8]	M1.5Iab-b	IIP	^[10] ^[7]
Betelgeuse	05 ^h 55 ^m 10.3 ^s	+07° 24′ 25″	Orion	720 ⁺¹⁶⁰ _{−110} ^[11]	M2Iab	IIP	^[1] ^[12] ^[7]
Rigel	05 ^h 14 ^m 32.3 ^s	−08° 12′ 06″	Orion	1118 ⁺³⁰ _{−28} ^[4]	B8Ia	IIn(pec?)	^[13] ^[7]
Gamma ² Velorum	08 ^h 09 ^m 32.0 ^s	−47° 20′ 12″	Vela	1120 ⁺¹³⁰ _{−100} ^[8]	WC8+O7.5III	Ib/Ic	^[14]
T Coronae Borealis	15 ^h 59 ^m 30.2 ^s	+25° 55′ 13″	Corona Borealis	2690 ⁺¹¹⁰ _{−100} ^[4]	M3III/D	Ia	^[15]
KPD 1930+2752	19 ^h 32 ^m 14.9 ^s	+27° 58′ 35″	Cygnus	2860 ⁺¹³⁰ _{−120} ^[4]	sdB/D	Ia	^[16] ^[17]
Rho Cassiopeiae	23 ^h 54 ^m 23.0 ^s	+57° 29′ 58″	Cassiopeia	3440 ⁺⁹³⁰ _{−610} ^[4]	G2Ia0e	IIL	^[18]
VY Canis Majoris	07 ^h 22 ^m 58.3 ^s	−25° 46′ 03″	Canis Major	3930 ⁺⁴²⁰ _{−350} ^[19]	M5ela	II	^[12] ^[20]
IRAS 17163-3907	17 ^h 19 ^m 49.3 ^s	−39° 10′ 37.9″	Scorpius	3930 ⁺⁹⁹⁰ _{−660} ^[4]	late B/early A	II	^[21]
HD 168625	18 ^h 21 ^m 19.5 ^s	−16° 22′ 26″	Sagittarius	5250 ⁺⁶⁰⁰ _{−490} ^[4]	B6Ia	II	^[22]
NML Cygni	20 ^h 46 ^m 25.6 ^s	+40° 06′ 59.4″	Cygnus	5250 ⁺⁴²⁰ _{−360} ^[23]	M6I	II	^[24]
WR 142	20 ^h 21 ^m 44.34 ^s	+37° 22′ 30.4″	Cygnus	5380	WO2	Ic, Grb likely	
IRC +10420	19 ^h 26 ^m 48.1 ^s	+11° 21′ 17″	Aquila	5600 ⁺²²⁰⁰ _{−1200} ^[4]	F8Ia+	I Ib	^[25] ^[26]
Mu Cephei	21 ^h 43 ^m 30.5 ^s	+58° 46′ 48″	Cepheus	5900 ⁺³⁴⁰⁰ _{−1600} ^[8]	M2Ia	IIn/I Ib	^[27]
RS Ophiuchi	17 ^h 50 ^m 13.2 ^s	−06° 42′ 28″	Ophiuchus	7380 ⁺¹⁰⁰⁰ _{−790} ^[4]	M2III/D	Ia	^[28] ^[29]
WR 93b	17 ^h 32 ^m 03.31 ^s	−35° 04′ 32.7″	Scorpius	7470	WO3	Ic	
WR 2	01 ^h 05 ^m 23.03 ^s	+60° 25′ 18.9″	Cassiopeia	7830	WN2-w	Ib/Ic, Grb likely	
WR 102	17 ^h 45 ^m 47.54 ^s	−26° 10′ 26.8″	Sagittarius	8610	WO2	Ic	
Eta Carinae	10 ^h 45 ^m 03.6 ^s	−59° 41′ 04″	Carina	8630 ⁺⁶⁹ _{−68} ^[4]	LBV/O	Ib, SLSN likely	^[30] ^[31]
HD 179821	19 ^h 13 ^m 58.6 ^s	+00° 07′ 32″	Aquila	10 500 ⁺²¹⁰⁰ _{−1500} ^[4]	G5Ia	IIL	^[32] ^[33]
T Pyxidis	09 ^h 04 ^m 41.5 ^s	−32° 22′ 48″	Pyxis	10 700 ⁺¹⁷⁰⁰ _{−1300} ^[4]		Ia	^[34] ^[35]
WR 104	18 ^h 02 ^m 04.1 ^s	−23° 37′ 41″	Sagittarius	13 400 ⁺⁹²⁰⁰ _{−3900} ^[4]	WC9d/OB	Ib/Ic with Grb?	^[36] ^[37]
V445 Puppis	07 ^h 37 ^m 56.9 ^s	−25° 56′ 59″	Puppis	16 000 ⁺⁵²⁰⁰ _{−4600} ^[38]		Ia	^[39]
WR 38	11 ^h 05 ^m 46.43 ^s	−61° 13′ 48.6″	Carina	19 700	WC4	Ic	
WR 30a	10 ^h 51 ^m 38.89 ^s	−60° 56′ 34.9″	Carina	21 900	WO4+O5-5.5	Ic	
Sher 25	11 ^h 15 ^m 07.8 ^s	−61° 15′ 17″	Carina	43 500 ⁺⁵²⁰⁰ _{−4200} ^[4]	B1.5Iab		^[40]
U Scorpii	16 ^h 22 ^m 30.7 ^s	−17° 52′ 42″	Scorpius	64 000 ^{+68 000} _{−17 000} ^[41]		Ia	^[42]