

Notations in the table.

- B — blend with another DIB;
- b — blend with a stellar feature;
- c — certain;
- d — measured by deblending;
- n — new;
- p — possible;
- w — weak;
- “-” — not measured though visible.

Columns in the table.

- DIB — the rounded integer of the λ_c (central wavelength).
- λ_c — central wavelength.
- FWHM — full width at the half maximum.
- EW — equivalent width.
- δEW — minimum 1σ error estimate for EW.

Marked on the HD147165 plots are:

- I. HARPS 2007-03-31
- II. UVES 2009-03-06

Table 1: HD147165: HARPS vs UVES.

DIB	HD147165					HD147165				
	λ_c	FWHM	EW	δ EW	note	λ_c	FWHM	EW	δ EW	note
4430	—	—	—	—	—	4429.81	9.26	177.1	0.7	cb
4726	4726.38	1.25	10.9	0.2	cbd ArII	4726.95	2.70	12.1	0.3	cb ArII
4763	4762.70	2.17	12.9	0.2	c	4762.33	1.76	6.3	0.3	p
4964	4963.95	0.75	5.9	0.1	cb CII	4963.82	0.72	6.0	0.3	cbd CII
4985	4984.80	0.76	6.6	0.3	cbd	4984.83	0.44	1.7	0.1	c
5262	5262.37	0.21	0.9	0.1	pw	5262.59	0.74	1.9	0.1	p
5343	5343.30	0.36	1.9	0.2	nb CII+FeIII	5343.29	0.62	3.9	0.2	nb CII+FeIII
5404	5404.48	0.64	5.1	0.7	pb	5404.00	0.00	0.0	0.0	pb-
5494	5494.00	0.27	2.1	0.1	p	—	—	—	—	—
5513	5512.67	0.52	1.9	0.1	c	5512.67	0.62	4.8	0.1	c
5516	5516.23	1.50	3.5	0.2	p	5516.36	1.11	3.5	0.2	p
5528	—	—	—	—	—	5527.73	0.57	1.4	0.1	p
5542	5541.80	0.87	3.1	0.7	pb SiIII	5541.84	0.75	2.4	0.2	pb SiIII
5545	5544.99	0.77	6.1	0.2	c	5544.92	0.73	4.6	0.2	p
5595	5594.66	0.54	2.1	0.2	pw	5594.56	0.54	1.9	0.1	pw
5781	5780.51	2.05	246.3	0.2	c	5780.50	2.15	282.2	0.5	c
5797	5797.07	0.81	36.6	0.2	c	5796.99	0.61	31.9	0.4	c
5828	5828.41	0.30	1.8	0.1	pw	5828.40	0.53	2.4	0.2	pw
5845	5844.71	0.74	3.5	0.2	pb FeIII+CII	5844.85	0.44	1.3	0.1	pb FeIII+CII
5850	5849.73	0.72	10.6	0.3	cb FeIII	5849.75	0.79	17.9	0.2	cb
5866	5866.00	0.00	0.0	0.0	nb-	5866.00	0.00	0.0	0.0	nb-
6010	6010.26	3.06	16.7	0.3	pb	6010.49	3.69	24.9	0.3	p
6020	6020.42	3.10	23.0	0.3	pb	—	—	—	—	—
6059	—	—	—	—	—	6059.33	0.52	3.0	0.2	pb
6065	6065.29	0.66	4.2	0.2	cb	6065.34	0.39	2.0	0.1	cb
6085	6084.90	0.88	2.5	0.2	pb FeIII	6085.00	0.66	2.4	0.2	pb FeIII
6090	6089.80	0.63	6.4	0.2	c	6089.82	0.62	8.0	0.2	c
6117	6117.00	0.00	0.0	0.0	pw-	6116.66	1.05	5.9	0.2	pb NiII+FeIII
6119	6119.00	0.00	0.0	0.0	pw-	6118.54	0.63	2.7	0.1	pb
6140	6139.90	0.58	3.2	0.1	pb	6140.09	0.86	4.7	0.2	pb
6162	6161.83	0.39	1.4	0.1	c	6161.94	0.70	3.6	0.2	c
6195	—	—	—	—	—	6194.68	0.52	1.2	0.1	pw
6196	6195.94	0.47	17.3	0.2	cb FeIII	6195.94	0.48	17.4	0.1	c
6203	6202.95	1.29	30.2	0.3	cBd	6202.95	1.21	24.7	0.6	cBd
6205	6205.12	3.47	55.7	0.7	cbBd	6204.31	5.77	121.6	1.9	cbBd
6212	6211.74	0.67	2.2	0.1	p	6211.56	0.82	2.6	0.2	p
6213	6212.90	0.62	2.3	0.1	c	6212.86	1.11	1.9	0.2	pw
6224	6223.55	0.63	2.2	0.2	pb	6223.30	1.14	4.0	0.2	pb
6226	6226.34	0.84	3.2	0.2	pb	6226.16	0.46	2.3	0.2	pb
6234	6234.00	0.51	6.6	0.1	c	6233.98	0.59	9.7	0.2	c
6270	6269.72	0.89	18.7	0.3	cb	6269.80	1.21	34.8	0.5	cb
6284	6284.25	3.59	396.9	0.8	c	6284.19	3.50	406.6	1.1	c
6288	6287.52	0.45	2.9	0.2	c	6287.56	0.57	2.2	0.2	c
6330	6329.95	0.79	3.9	0.2	p	6330.00	1.21	5.9	0.2	p
6359	6358.50	0.80	2.0	0.1	pw	6358.35	1.15	3.2	0.2	pw
6367	6367.24	0.62	3.0	0.1	c	6367.29	0.56	3.0	0.1	c
6376	6376.01	0.58	9.3	0.2	c	6376.06	0.66	10.2	0.2	c
6379	6379.25	0.60	32.2	0.2	c	6379.28	0.60	28.0	0.2	c
6397	6396.61	0.79	5.8	0.5	pb NiII+SII	6396.69	0.86	6.7	0.2	pb
6426	6425.72	0.54	3.0	0.2	pb	6425.70	0.51	4.0	0.2	pw
6445	6445.23	0.57	7.8	0.2	c	6445.18	0.46	5.0	0.2	p
6456	6455.81	1.19	7.9	0.2	pb OI+CII	6456.04	1.40	10.2	0.3	pb OI+CII
6597	6597.34	0.52	2.9	0.1	p	6597.28	0.80	6.4	0.2	p
6600	6600.06	0.86	2.7	0.2	pb NeI	6600.02	0.53	5.7	0.2	p
6614	6613.58	0.97	62.5	0.2	c	6613.58	0.94	57.6	0.3	c
6623	6622.67	0.27	1.0	0.1	pw	6622.71	0.74	5.7	0.3	pd
6628	—	—	—	—	—	6628.44	0.94	6.6	0.3	p
6631	—	—	—	—	—	6630.76	0.75	3.8	0.2	p
6657	6657.31	0.94	3.1	0.2	p	—	—	—	—	—
6661	6660.65	0.60	8.3	0.2	c	—	—	—	—	—

Table 1: (continued)

DIB	HD147165					HD147165				
	λ_c	FWHM	EW	δEW	note	λ_c	FWHM	EW	δEW	note
6662	6662.08	0.58	1.6	0.1	pw	-	-	-	-	-
6672	6672.21	0.51	2.8	0.2	c	-	-	-	-	-
6699	6699.14	1.06	7.1	0.4	pBd	-	-	-	-	-
6702	6702.04	1.49	8.3	0.6	pBd	-	-	-	-	-
6741	6740.95	0.62	2.0	0.2	p	-	-	-	-	-
6752	-	-	-	-	-	6752.02	1.70	9.5	0.5	p
6792	6792.48	0.59	2.2	0.1	pb	-	-	-	-	-
6795	6795.23	0.71	3.5	0.2	p	6795.09	0.55	6.2	0.4	p
6799	-	-	-	-	-	6799.35	0.74	4.2	0.2	p
6801	6801.44	0.64	3.0	0.2	p	-	-	-	-	-
6803	6803.23	0.67	2.0	0.1	p	-	-	-	-	-
6843	6843.42	0.96	4.8	0.2	p	6843.44	0.62	3.8	0.2	p
6993	-	-	-	-	-	6992.99	0.73	14.4	0.3	c
7224	-	-	-	-	-	7224.05	1.11	57.1	0.4	c
7335	-	-	-	-	-	7334.52	1.16	21.7	0.6	pd
7367	-	-	-	-	-	7367.13	0.46	6.5	0.2	p
7370	-	-	-	-	-	7370.23	0.51	10.2	0.3	p
7562	-	-	-	-	-	7562.14	1.02	18.2	0.4	p
7708	-	-	-	-	-	7708.10	0.77	8.9	0.3	p
9577	-	-	-	-	-	9576.89	4.19	316.8	2.1	p
9632	-	-	-	-	-	9632.44	3.61	205.8	2.1	pb MgII