

"Rest Frame Optical Spectra of Lyman Break Galaxies: Other Lensing Arcs around MS1512-cB58"

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We present near infrared spectra of "A2", the primary counter arc to MS1512-cB58. We detect redshifted H $\alpha$ , [NII], [OIII]5007, [OIII]4959 and H $\beta$  at  $z=2.728 \pm 0.001$ . Further, A2 has the same H $\alpha$ /[OIII] ratio as cB58, suggesting that it is indeed another image of a single background galaxy. Published lensing reconstruction reports that A2 is a magnification of the entire source while cB58 is an image of only a part. cB58 shows much stronger continuum emission than A2 (by a factor of  $\sim 2$ ), possibly detecting an uneven distribution of old and young stars across the galaxy.

We observe a second emission line source in the slit. This object is blueshifted from cB58 by  $\sim 150$  km/sec and has a significantly lower H $\alpha$ /[OIII] ratio, indicating that it likely an image of a different background galaxy.

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