

## 2LAC Columns description

Label	unit	Comment
<b>Fermi name</b>		Name of the 2FGL source
<b>Counterpart name</b>		Name of the counterpart
<b>Clean</b>		Flag for a source in the Clean sample
<b>IN 2FGL</b>		Flag for a source in the 2FGL List
<b>RA (J2000.0)</b>		Right Ascension (J2000) of the counterpart
<b>Dec (J2000.0)</b>		Declination (J2000) of the counterpart
<b>AngSep</b>	deg	Angular separation among the 2FGL and its counterpart
<b>Theta<sub>95</sub></b>	deg	95% error radius
<b>Class</b>		Optical class
<b>SED Class</b>		the spectral energy distribution class ( based on the synchrotron peak frequency)
<b>Redshift</b>		Redshift
<b>Flux 1GeV-100 GeV</b>	photon/cm <sup>2</sup> /s	Photon flux for 1 GeV-100 GeV
<b>Spectral index</b>		Spectral Index
<b>Spectral Index Error</b>		Error on Spectral Index
<b>Probability Bayesian</b>		Bayesian probability. See text for details
<b>Probability LogN-logS</b>		logN-logS probability. See text for details
<b>Reliability LR RG</b>		Likelihood Ratio reliability for Radio-gamma association. See text for details
<b>Reliability LR XG</b>		Likelihood Ratio reliability for X-gamma association. See text for details
<b>TS</b>		Test Statistics: significance
<b>Radio-flux</b>	mJy	Radio flux
<b>X-flux</b>	erg/cm <sup>2</sup> /s	X ray band flux
<b>USNO VMag</b>		V Magnitude from USNO B1
<b>SDSS VMag</b>		V Magnitude from SDSS
<b>AOX</b>		AOX: multi-frequency spectral index between optical and X-ray band
<b>ARO</b>		ARO: multi-frequency spectral index between radio and optical band