

Masterlist

Optical

1. Megacam
grizy

2. Subaru/HSC
u grizy

3. DECam (*)
grizy

4. SDSS
grizy

5. Pan-STARRS
grizy

flag: opt-nir-det: 1* (if ≥ 2)

NIR

1. VISTA (**) 2. UKIDSS
(2) y j h ks y j h (h)

3. WISECAM
j ks

2* (if ≥ 2)

MID

IRAC (***)
i1 i2

4* (if = 2)

Photo-z

→ Must have a detection in r
→ Detected in 4 bands at different wavelengths.

CIGALE

At least: $2 \text{Opt} + 2 \text{NIR} \equiv \text{opt-nir-det} = 3 \mid \text{opt-nir-det} = 7$

XID+

→ $f_{250\text{-pred}} > 5 \text{ mJy}$

 \angle_{dust}

$\text{opt-nir-det} \geq 5 \Rightarrow \left\{ \begin{array}{l} 2 \text{ MID (IRAC)} \\ \text{and} \\ 2 \text{ Opt or 2 NIR} \end{array} \right.$

IRAC.

CIGALE

2 "Good" FIR (SPIRE, PACS) $\equiv \left\{ \begin{array}{l} \text{No Flags} \\ \text{S/N} > 2 \end{array} \right.$

$[\text{opt-nir-det} = 3 \mid \text{opt-nir-det} = 7]$

(*) DECam $\equiv \left\{ \begin{array}{l} \text{DES} \\ \text{DECaLS} \end{array} \right.$

(**) IRAC $\equiv \left\{ \begin{array}{l} \text{SHELLA} \\ \text{SPIES} \end{array} \right.$

[] \equiv Instrument NOT used for photo-z

(*) VISTA $\equiv \left\{ \begin{array}{l} \text{VHS} \\ \text{VICS} \end{array} \right.$

() \equiv band NOT used for CIGALE.