

MACS J1149.6+2223

SN HFF14Ref (Refsdal)

HST HFF

ACS/WFC F606W+F814W

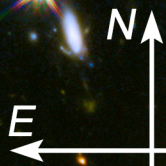
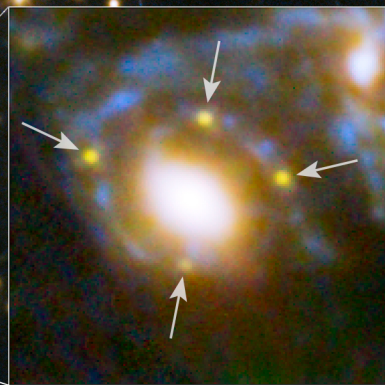
WFC3/IR F105W+F125W

WFC3/IR F140W+F160W

SN may have appeared
here in 1995

SN may appear here
in 2015-2020

Observed
in 2014



30''