

Huang, H., He, D., Li, D., and Li, Y., 2019, Detrital zircon U-Pb ages of Paleogene deposits in the southwestern Sichuan foreland basin, China: Constraints on basin-mountain evolution along the southeastern margin of the Tibetan Plateau: GSA Bulletin, <https://doi.org/10.1130/B35211.1>.

Data Repository

Table DR1. detrital components of sandstones from the Paleogene.

Table DR2. U-Pb isotopic ratios and ages of detrital zircons from the Paleogene Liujia formation.

Table DR3. U-Pb isotopic ratios and ages of detrital zircons from the Paleogene Mingshan formation.

Table DR4. U-Pb isotopic ratios and ages of detrital zircons from the Paleogene Lushan formation.

TABLE DR1. DETRITAL COMPONENTS OF SANDSTONES FROM THE PALEOGENE IN THE
SOUTHWESTERN SICHUAN BASIN

Formation	Sample	Qm*	Qpq*	Cht*	P*	K*	Lv*	Ls*	Lm*
Liujia	CXN089	286	20	3	6	0	0	0	44
Mingshan	CXN134	277	15	0	22	0	0	45	6
Lushan	CXN168	277	14	3	0	0	0	90	112

Qm: monocrystalline quartz;
Qpq: polycrystalline quartz(not including chert);
Cht: chert;
P: plagioclase feldspar;
K: potassium feldspar;
Lv: volcanic lithic grains
Ls: sedimentary lithic grains;
Lm: metavolcanic lithic grains.