

Recommended Tissue Types for Stereo-seq Experiments

Updated by Apr 2023

Tissue types and species listed below have been in-house validated.

▲: New tissue types updated.

Species	Sample Type	Sample Status
Mouse	Brain	Adult
	Kidney	Adult
	Heart	Adult
	Lymph	Adult
	Thymus	Adult
	Liver	Adult
	Spleen	Adult
	Placenta	Adult
	Bulbus Oculi (eyeball)	Adult
	Olfactory Bulb	Adult
	Lung	Adult
	▲ Small intestine	Adult
	Ovary	Adult
	Mammary gland	Adult
	Tongue	Adult
	Cartilage	Adult
	Spinal cord	Adult
	Uterus	Adult
	Caecum	Adult
	Testis	Adult
	Amniotic Membrane	Adult
	Salivary gland	Adult
	Cochlea	Adult
	Embryo	Fetus
	Head	Fetus
	Bulbus Oculi (eyeball)	Fetus
	Heart	Fetus
	Liver cancer	Carcinoma
	Breast cancer	Carcinoma
	Lung cancer	Carcinoma
	Lymphoma	Carcinoma
	Prostate cancer	Carcinoma

	Colorectal cancer	Carcinoma
	Kidney	Injury
	Liver	Diseased
	Brain	Diseased
	Brain	Normal
	Brain (embryonic)	Normal
	Teeth (embryonic)	Normal
	Mandible (embryonic)	Normal
	Liver	Normal
	Ovary	Normal
	Prostate	Normal
	Endometrium	Normal
	Embryo	Normal
	Placenta Detachment	Normal
	Muscle	Normal
	Blood Vessel	Normal
	Kidney	Normal
	Brain	Carcinoma
	Liver cancer	Carcinoma
	Breast Cancer	Carcinoma
	Lung Cancer	Carcinoma
	Pancreatic cancer	Carcinoma
	Kidney cancer	Carcinoma
	Liver paracancer tissue	Carcinoma
	Esophageal paracancer tissue	Carcinoma
	Osteosarcoma	Carcinoma
	Retinoblastoma	Carcinoma
	Epileptic Hippocampus	Diseased
	Lymph	Diseased
	Brain	Diseased
	Liver	Diseased
	Small intestine	Diseased
Rat	Skin	Adult
Trionyx Sinensis (Soft-shell turtle)	Brain	Normal
Columba livia (Rock Pigeon)	Brain	Normal
	Retina	Normal
Gallus gallus domesticus	Oviduct	Normal
Trachemys scripta elegans	Embryos	Fetus

Turbellaria (Flatworm)		Normal
Swine (Pig)	Tooth germ	Normal
Macaca Fascicularis	Kidney	Normal
Zebrafish	Liver	Normal
Capra aegagrus hircus (Goat)	Eyeball	Normal
Octopus vulgaris	Brain	Normal
Melopsittacus undulates (Budgerigar)	Brain	Normal

Samples that have been taken off the list (due to success rate drop below 66%): Human skin, mouse joint, mouse bone, mouse appendix, mouse tendon, human esophageal cancer, human colorectal paracancer tissue.