Materials List for:

## Targeted and Selective Treatment of Pluripotent Stem Cell-derived Teratomas Using External Beam Radiation in a Small-animal Model

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## **Materials**

Name	Company	Catalog Number	Comments
Induced Pluripotent Stem Cell Control Line	Stanford University	Nguyen Lab	Cell culture of iPSC
Corning matrigel basement membrane matrix 354234	Fisher Scientific	CB-40234	Cell culture of iPSC
Essential 8 culture medium	ATCC-The global bioresource center	30-2203	Cell culture of iPSC
Tryple E	Gibco	12605-036	Cell culture of iPSC
Y27632 inhibitor 2 HCL (ROCK Inhibitor)	Fisher Scientific	S104950MG	Cell culture of iPSC
Lentivirus	Cyagen	P170721-1001cjn	Transduction of iPSC with double fusion reporter gene
Polyrbrene Infection/Transfection Reagent	Millipore Sigma	TR-1003-G	Transduction of iPSC with double fusion reporter gene
Fluc-eGFP reporter gene driven by ubiquitin promoter	Stanford University	Sam Gambhir lab	Transduction of iPSC with double fusion reporter gene
D-luciferin	Perkin Elmer	122799	Transduction of iPSC with double fusion reporter gene and BLI
Flow cytometer (BD FACSARIA III)	BD Biosciences	FACSAria	Transduction of iPSC with double fusion reporter gene
microplate spectrofluorometer (Glomax Navigator System)	Promega Bio Systems, Sunnyvale, CA	GM2000	Transduction of iPSC with double fusion reporter gene
Xenogen IVIS 200	Perkin Elmer	124262	BLI
Isoflurane	Sigma-Aldrich	CDS019936	irradiation
X-Rad SmART image-guided irradiator	Precision X-ray Inc., North Branford, CT	X-Rad SmART	irradiation
RT_Image software package	Stanford University (http://rtimage.sourceforge.net/)	RT_Image v0.2β	Irradiation

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