

Figure S1

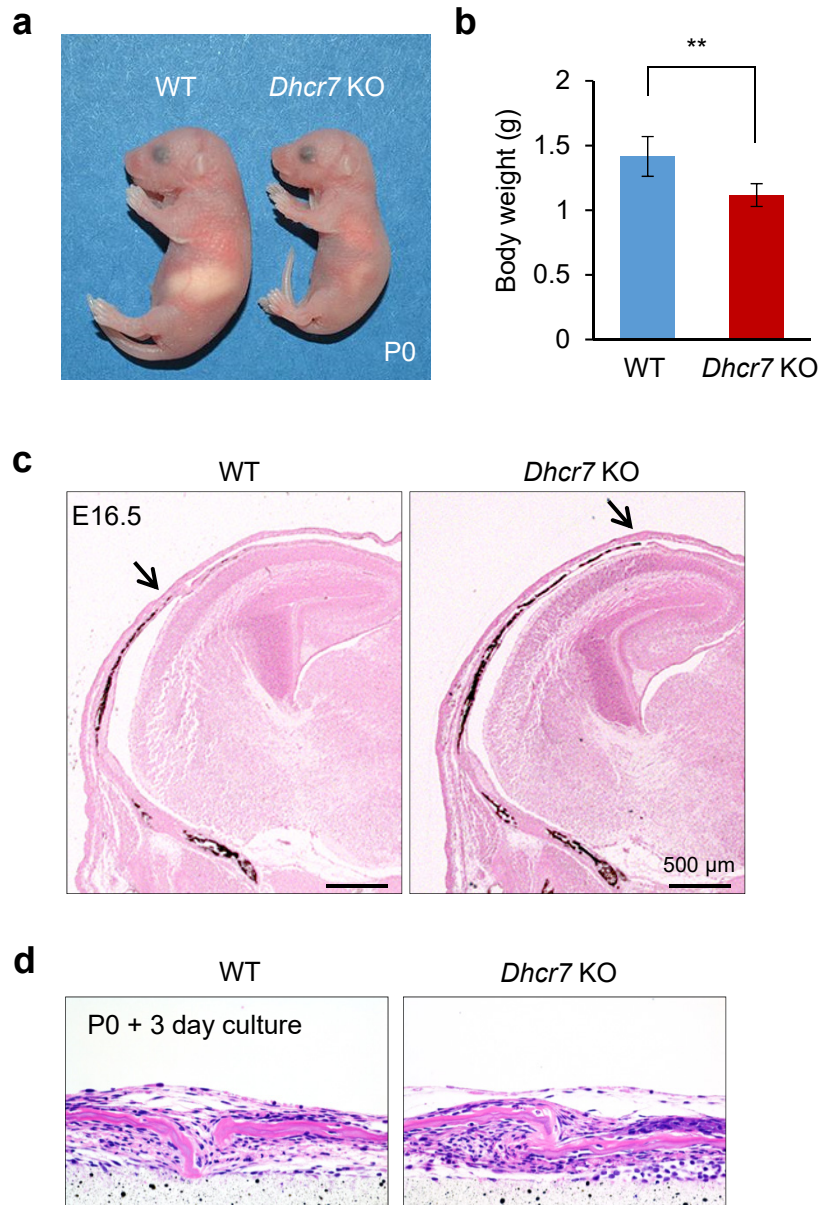


Figure S2

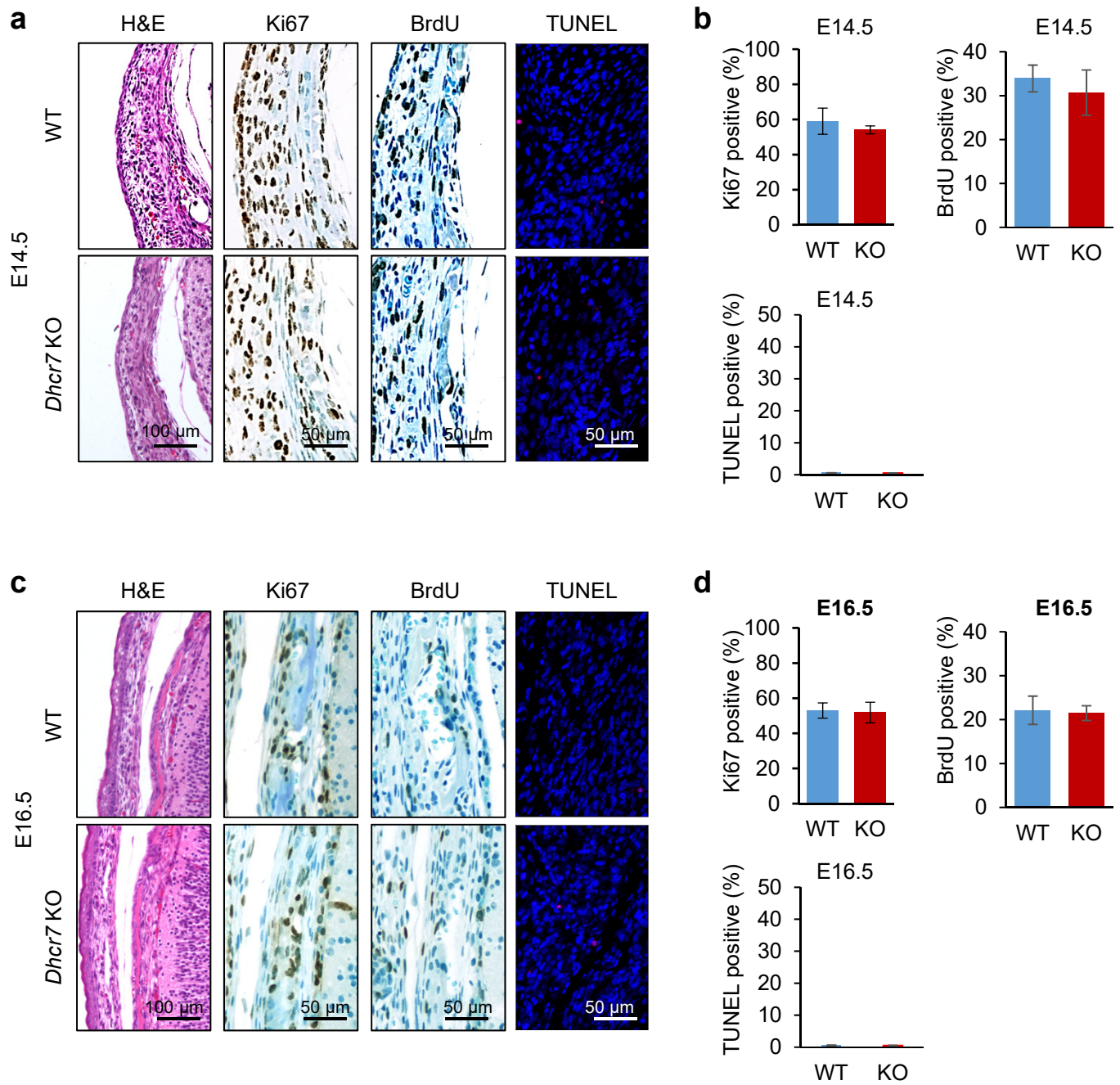


Figure S3

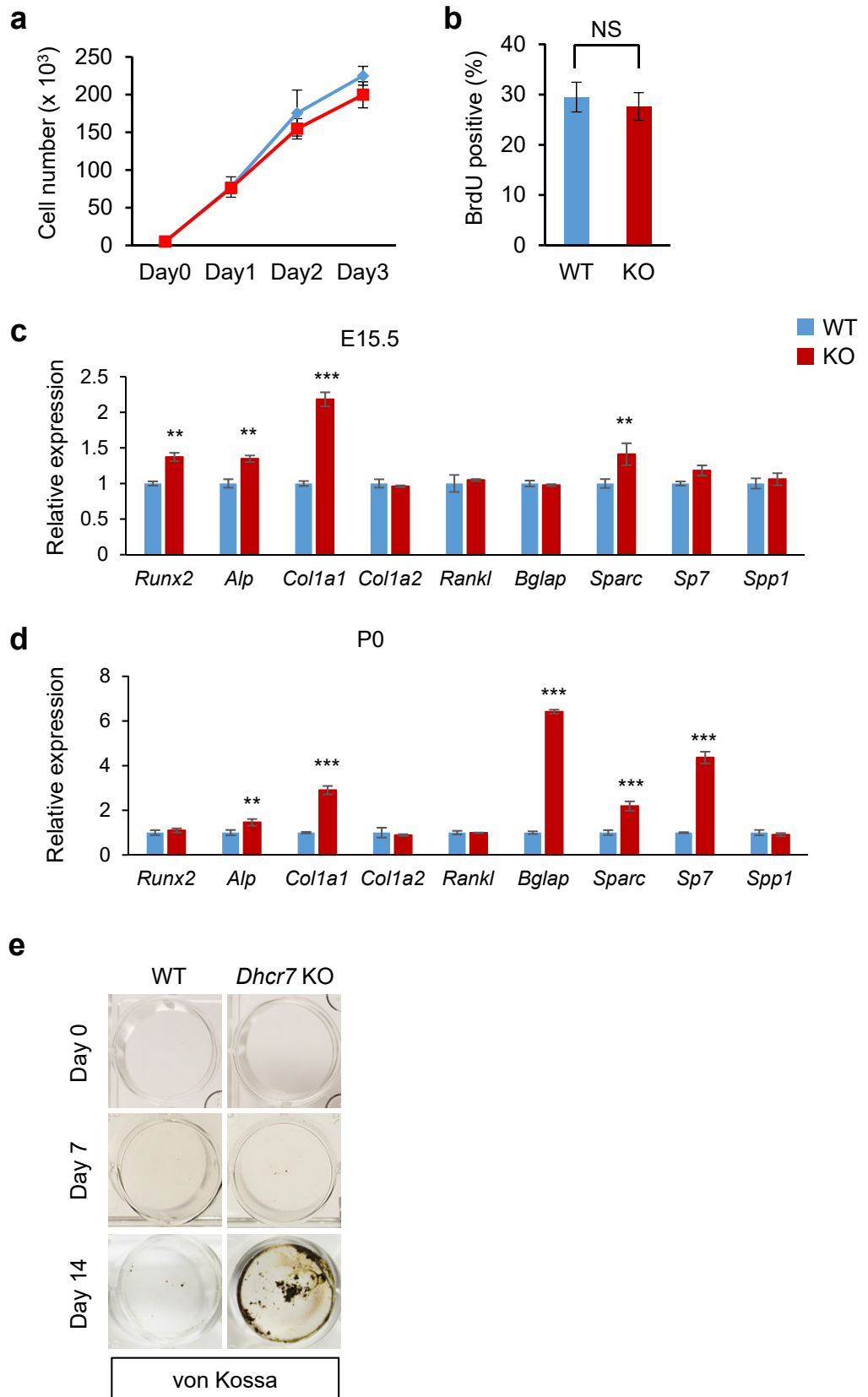


Figure S4

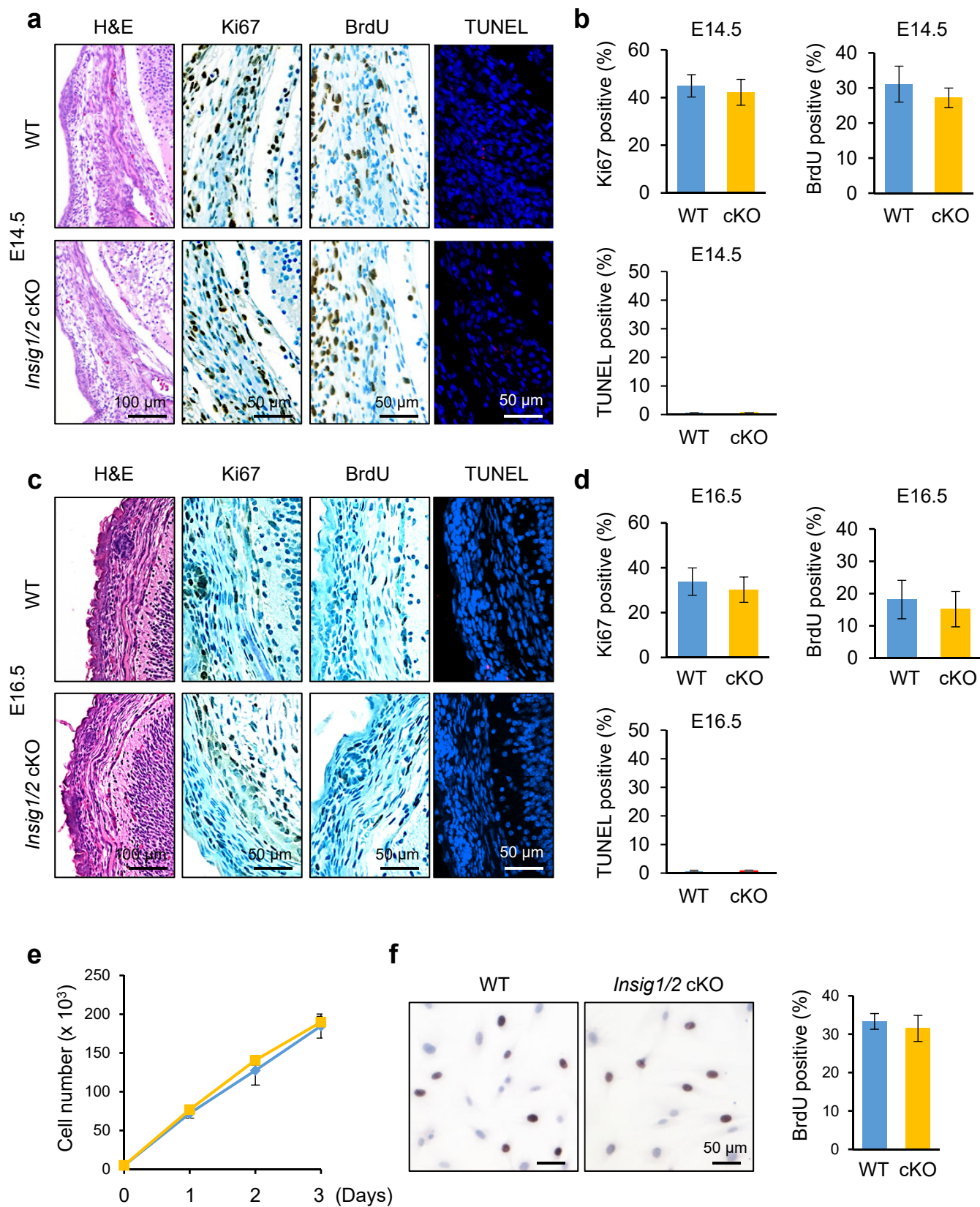


Figure S5

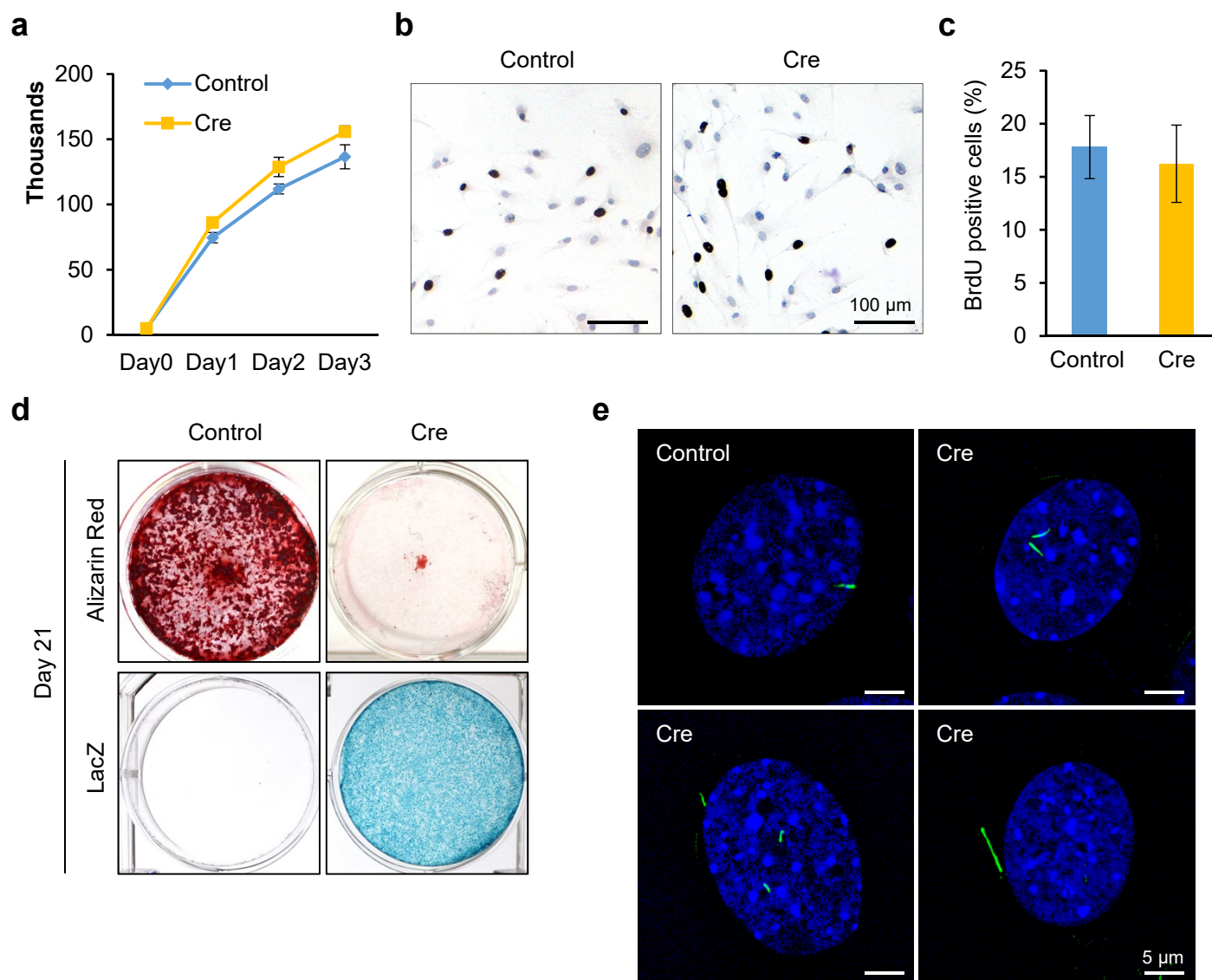
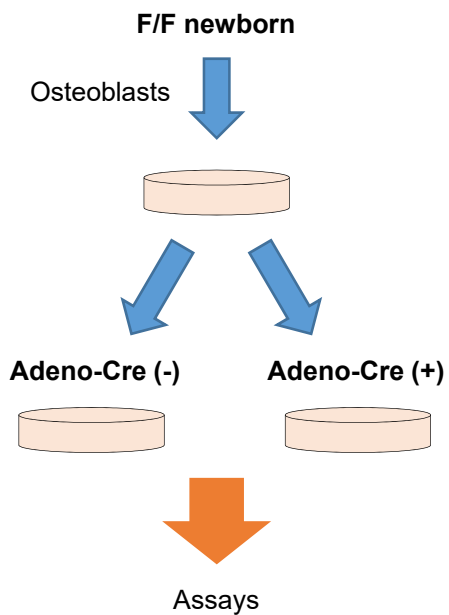
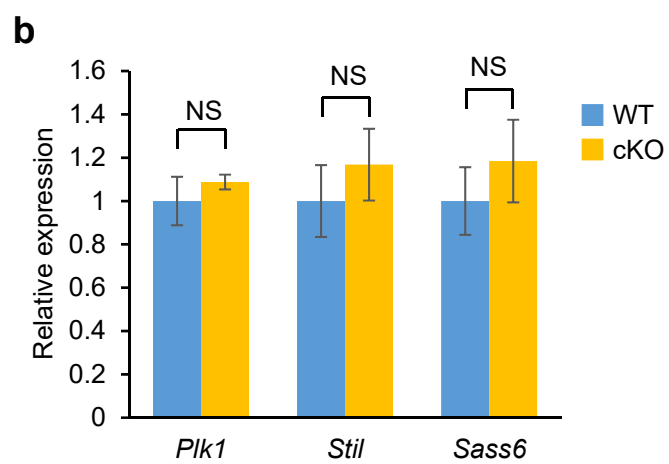
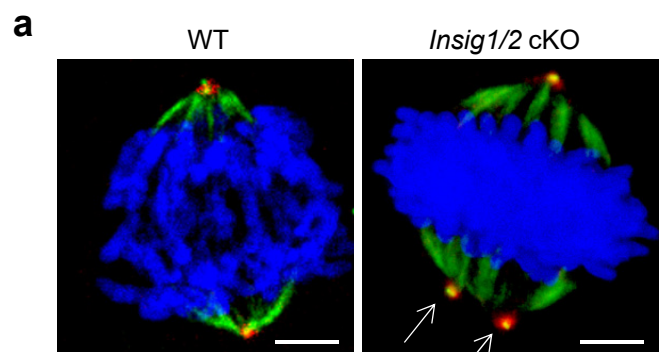


Figure S6



a

Col1a1 GLI – Binding Site (-68 to -60 bp)

Mouse	gacgggagtttctcctcgggacggagcag-gaggcacg--cggagtga ggcca cgcatga
Rat	gacgggagtttccacctccggacggagcag-gaggcaca--cggagtga ggcca cgcatga
Dog	gacgggagtttctcctcggggtcggagcaggaggcacgcggagtgtgaggccacgcatga
Horse	gacgggagtttccccctcggggtcggagcaggaggcacgcggagagtgaggccaacgcatga
Macaque	gacgggagtttctccttggggtcggagcaggaggcacgcggagtgtgaggccaacgcatga
Orangutan	gacgggagtttctcctcggggtcggagcaggaggcacgcggagtgtgaggccaacgcatga
Human	gacgggagtttctcctcggggtcggagcaggaggcacgcggagtgtgaggccaacgcatga
Chimpanzee	gacgggagtttctcctcggggtcggagcaggaggcacgcggagtgtgaggccaacgcatga
	***** ** * * ***** * *****

b

Col1a1 LEF1 – Binding Site 1(-29 to -25 bp)

Mus	gccgaagctaacccccaccccagccg caaa gagtctacatgtctagggcttagacatgt
Rattus	gccgaagctaacccccaccccagccgcaaaagagtctacatgtctagggcttagacatgt
Dog	gccgacg-ctaacccccaccccagccgcaaaagagtctacatgtctagggcttagacatgt
Equus	gccgacg-ctaacccccaccccagccgcaaaagagtctacatgtctagggcttagacatgt
Rhesus	gccggacgctaaccacctccccagccgcaaaagagtctacatgtctagggcttagacatgt
Orangutan	gccggacg-ctaaccacctccccagccgcaaaagagtctacatgtctagggcttagacatgt
Homo	gccggacg-ctaaccacctccccagccgcaaaagagtctacatgtctagggcttagacatgt
Pan	gccggacg-ctaaccacctccccagccgcaaaagagtctacatgtctagggcttagacatgt
	** * * *****

Col1a1 LEF1 – Binding Site 2 (-484 to -480 bp)

Mus	caattattcctgacactgatcc ctttg tagtgttcccaactc-----agattctcag
Rattus	caattgtgcctgacactgaacctttgtaagtgttcccaactc-----agattcccaa
Dog	ggatcaccaccttctcttctacactctggaagattcccttcccagc-----tccccag
Equus	ccaattacccaatccttccacctttggaaggtccctaccactcccc-----aa
Rhesus	ccaacaccccccaaccttccacctttggaaggtctccccaccagctc-----ccaag
Orangutan	ccaacaccccccaaccttccacctttggaaggtctccccaccagctc-----ccaag
Homo	ccaacaccccccaaccttccacctttggaaggtctccccaccagctccccagttccccag
Pan	ccaacaccccccaaccttccacctttggaaggtctccccaccagctccccagttccccag
	* ** ** ** * * * * *

Col1a1 LEF1 – Binding Site 3 (-1642 to -1638 bp)

Mus	--ttttcc ctttg ccttcggtgcacaaaactagctcaggaggggcgtgaagg--ggggg
Rattus	tttttttctttgccttcggtgcacaaaactagctcaggaggggcgtgaagg--g--gg
Dog	ttttttcctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
Equus	ttttttcctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
Rhesus	ttttccccctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
Orangutan	ttttccccctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
Homo	ttttccccctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
Pan	ttttccccctttgccttcggtgcacaaaaccagctgggggagggcgtggagaggggcggg
	** ***** ** * **

Col1a1 LEF1 – Binding Site 4 (-2713 to -2709 bp)

Mus	gggg--tggagatt-ctggcttttgcctcctacactccaagtgcctga caaa gccta
Rattus	gggg--tggagatt-ctggcttttgcctcctacactccaagtgcctga caaa gccta
Dog	gtgggggggagattttggctttgtttcccccccaactccaatgccggactaagtctca
Equus	gg---aggagattttgg--cttttg-ctcccccaactccaatgccggactaagtctca
Rhesus	gg---aggagattttgg--cttttgctccccctactttaagtgccggactaagtctca
Orangutan	gg---aggagattttgg--cttttgctcccccaactttaagtgccggactaagtctca
Homo	gg---aggagattttgg--cttttgctcccccaactttaagtgccggactaagtctca
Pan	gg---aggagattttgg--cttttgctcccccaactttaagtgccggactaagtctca
	* ***** * * ** ** * * * * * * * * * *

Figure S8

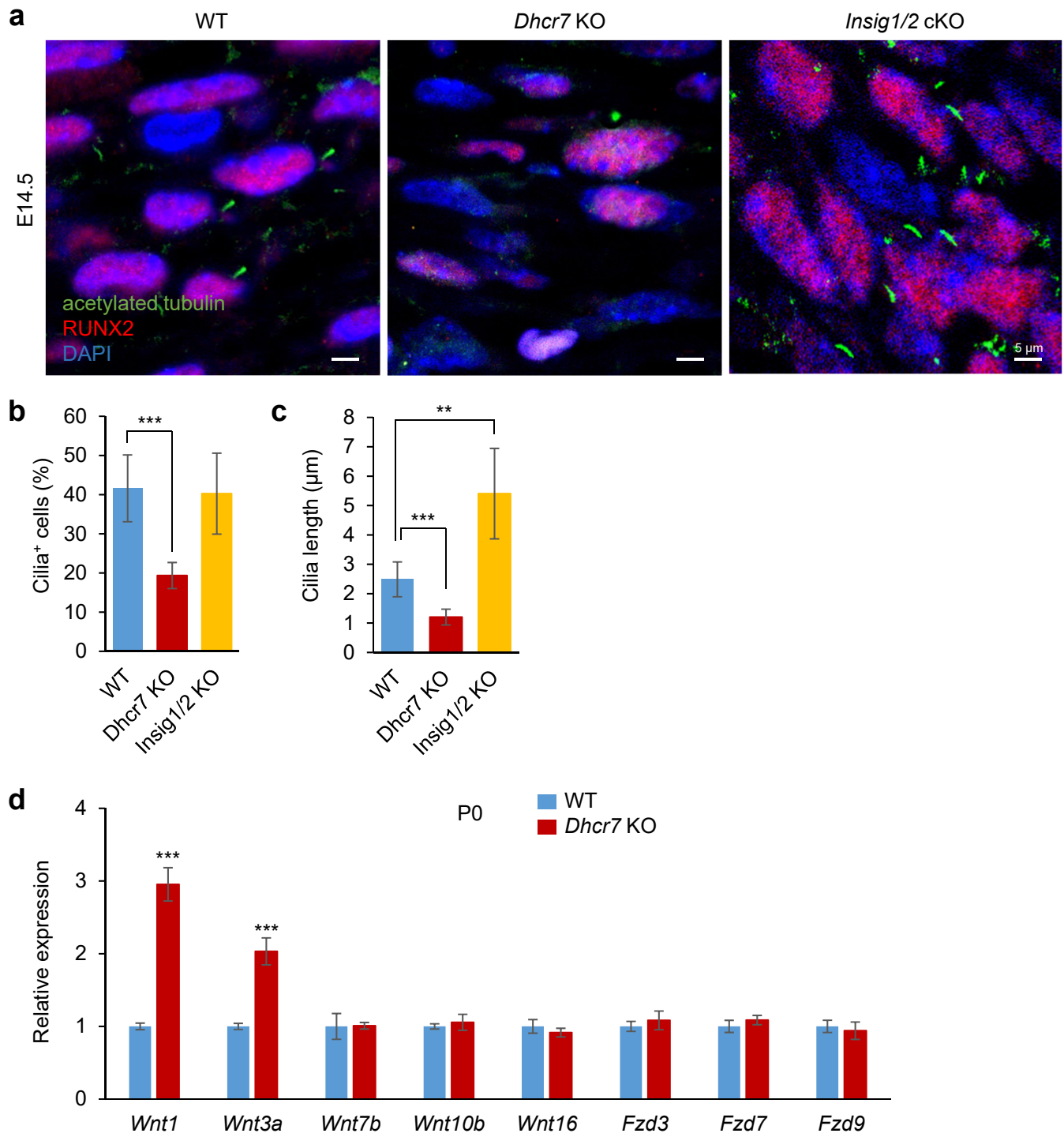


Figure S9

