

# Human genome

Dec. 2013 (GRCh38/hg38)

- Full data set
- Data set by chromosome
- Annotation database
- SNP-masked fasta files ▶
- **LiftOver files** ◀
- Pairwise alignments ▶
- Multiple alignments ▶
- Patches ▶

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
<a href="#">Parent Directory</a>		-	
<a href="#">hg38ToAptMan1.over.chain.gz</a>	21-Feb-2017 17:07	12M	
<a href="#">hg38ToAquChr2.over.chain.gz</a>	16-Mar-2017 19:06	13M	
<a href="#">hg38ToBisBis1.over.chain.gz</a>	17-Mar-2017 21:14	84M	
<a href="#">hg38ToBosTau8.over.chain.gz</a>	16-Oct-2014 18:24	84M	
<a href="#">hg38ToCalJac3.over.chain.gz</a>	13-Dec-2014 15:52	57M	
<a href="#">hg38ToCanFam3.over.chain.gz</a>	10-Apr-2015 01:22	89M	
<a href="#">hg38ToChlSab2.over.chain.gz</a>	11-Jul-2014 19:29	37M	
<a href="#">hg38ToDanRer10.over.chain.gz</a>	08-Feb-2015 14:08	9.2M	
<a href="#">hg38ToEquCab2.over.chain.gz</a>	23-Feb-2015 11:14	84M	
<a href="#">hg38ToFelCat8.over.chain.gz</a>	29-Apr-2015 22:16	89M	
<a href="#">hg38ToGalGal4.over.chain.gz</a>	13-Feb-2015 21:49	11M	
<a href="#">hg38ToGalGal5.over.chain.gz</a>	19-Apr-2016 16:46	12M	
<a href="#">hg38ToGalVar1.over.chain.gz</a>	26-Apr-2016 03:10	85M	
<a href="#">hg38ToGorGor4.over.chain.gz</a>	06-Jan-2016 18:59	16M	
<a href="#">hg38ToGorGor5.over.chain.gz</a>	25-Jun-2016 02:40	19M	
<a href="#">hg38ToHetGla2.over.chain.gz</a>	29-Apr-2015 12:55	86M	
<a href="#">hg38ToHgl9.over.chain.gz</a>	31-Dec-2013 17:24	1.2M	
<a href="#">hg38ToMacEug2.over.chain.gz</a>	19-Feb-2015 22:55	17M	
<a href="#">hg38ToMacFas5.over.chain.gz</a>	14-Dec-2014 01:05	39M	
<a href="#">hg38ToManPen1.over.chain.gz</a>	16-Mar-2017 02:59	80M	
<a href="#">hg38ToMicMur2.over.chain.gz</a>	06-May-2015 11:30	76M	
<a href="#">hg38ToMm10.over.chain.gz</a>	09-Apr-2015 17:32	70M	
<a href="#">hg38ToMonDom5.over.chain.gz</a>	29-May-2014 11:09	34M	
<a href="#">hg38ToMusFur1.over.chain.gz</a>	29-Apr-2015 19:01	88M	
<a href="#">hg38ToOrnAna2.over.chain.gz</a>	21-Feb-2017 18:13	22M	
<a href="#">hg38ToOryCun2.over.chain.gz</a>	28-Apr-2015 04:52	80M	
<a href="#">hg38ToOtoGar3.over.chain.gz</a>	23-Feb-2015 00:51	87M	
<a href="#">hg38ToOviAri3.over.chain.gz</a>	21-Jan-2015 19:57	70M	