	Human	Chimpanzee	Gorilla	Monkey
87	Thr	Thr	Thr	Gln
88	Leu	Leu	Leu	Leu
89	Ser	Ser	Ser	Ser
90	Glu	Glu	Glu	Glu
91	Leu	Leu	Leu	Leu
92	His	His	His	His
93	Cys	Cys	Cys	Cys
94	Asp	Asp	Asp	Asp
95	Lys	Lys	Lys	Lys
96	Leu	Leu	Leu	Leu
97	His	His	His	His
98	Val	Val	Val	Val
99	Asp	Asp	Asp	Asp
100	Pro	Pro	Pro	Pro
101	Glu	Glu	Glu	Glu
102	Asn	Asn	Asn	Asn
103	Phe	Phe	Phe	Phe
104	Arg	Arg	Lys	Lys
105	Leu	Leu	Leu	Leu
106	Leu	Leu	Leu	Leu
107	Gly	Gly	Gly	Gly
108	Asn	Asn	Asn	Asn
109	Val	Val	Val	Val
110	Leu	Leu	Leu	Leu
111	Val	Val	Val	Val
112	Cys	Cys	Cys	Cys
113	Val	Val	Val	Val
114	Leu	Leu	Leu	Leu
115	Ala	Ala	Ala	Ala
116	His	His	His	His

## Warm UP

Compare the hemoglobin amino acid sequences for the 4 species.

According to your analysis, which species is the most closely related to humans?
Which species is the least closely related to humans?