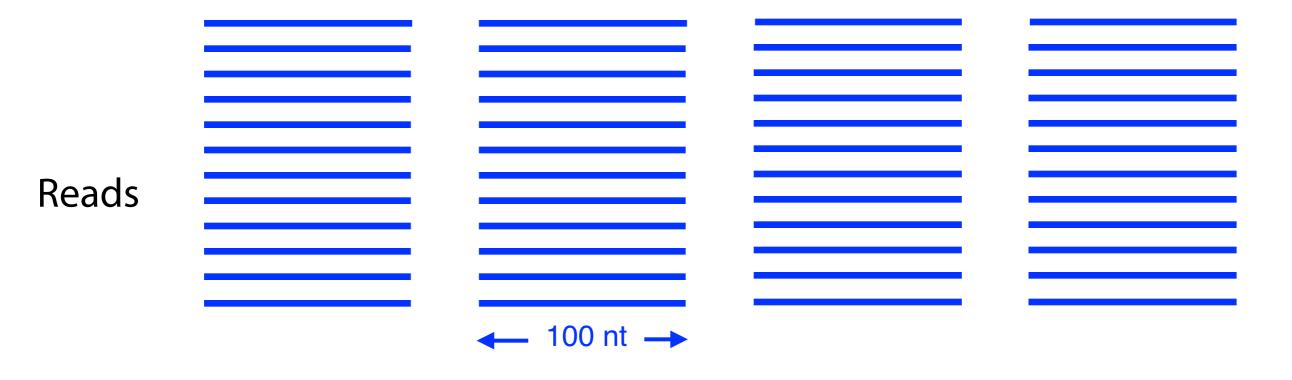
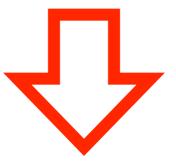


	<b>GTATGCACGCGATAG</b>	TATGTCGCAGTATCT	CACCCTATGTCGCAG	GAGACGCTGGAGCCG
	TAGCATTGCGAGACG	GGTATGCACGCGATA	TGGAGCCGGAGCACC	CGCTGGAGCCGGAGC
Reads	<b>TGTCTTTGATTCCTG</b>	CGCGATAGCATTGCG	GCATTGCGAGACGCT	CCTATGTCGCAGTAT
	GACGCTGGAGCCGGA	GCACCCTATGTCGCA	GTATCTGTCTTTGAT	CCTCATCCTATTATT
	TATCGCACCTACGTT	CAATATTCGATCATG	GATCACAGGTCTATC	ACCCTATTAACCACT
	CACGGGAGCTCTCCA	TGCATTTGGTATTTT	CGTCTGGGGGGTATG	CACGCGATAGCATTG
	GTATGCACGCGATAG	ACCTACGTTCAATAT	TATTTATCGCACCTA	CCACTCACGGGAGCT
	GCGAGACGCTGGAGC	CTATCACCCTATTAA	CTGTCTTTGATTCCT	ACTCACGGGAGCTCT
	CCTACGTTCAATATT	GCACCTACGTTCAAT	GTCTGGGGGGTATGC	AGCCGGAGCACCCTA
	GACGCTGGAGCCGGA	GCACCCTATGTCGCA	GTATCTGTCTTTGAT	CCTCATCCTATTATT
	TATCGCACCTACGTT	CAATATTCGATCATG	GATCACAGGTCTATC	ACCCTATTAACCACT
	CACGGGAGCTCTCCA	TGCATTTGGTATTTT	CGTCTGGGGGGTATG	CACGCGATAGCATTG

Your genome

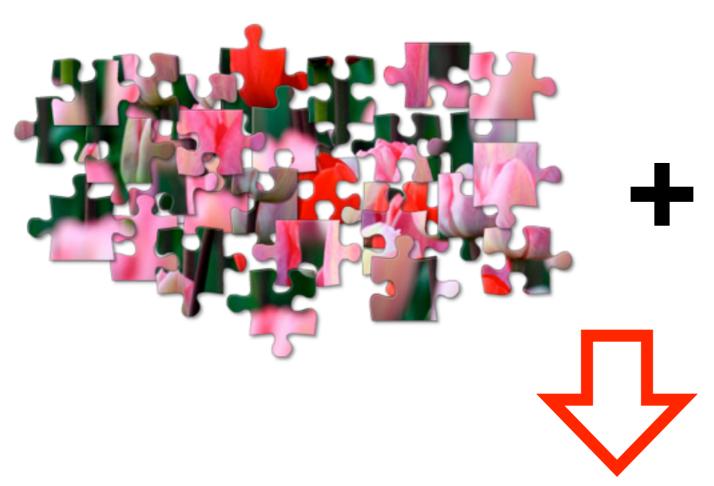
CGTCTGGGGGGTATGCACGCGATAGCATTGCGAGACGCTGGAGCCCGGAGCACCCTATGTCGCAGTATCTGTCTTTGATTCCTG





## Your genome









ATATCTTAGAGGGAGGGCTGAGGGTTTGAAGTCCAACTCCTAAGCCAGTGCCAGAAGAGCCAAGGACAGGTACGGCTGTC ATCACTTAGACCTCACCCTGTGGAGCCACACCCTAGGGTTGGCCAATCTACTCCCAGGAGCAGGGAGGAGGAGCAGGAGCCAGG GCTGGGCATAAAAGTCAGGGCAGAGCCATCTATTGCTTACATTTGCTTCTGACACAACTGTGTTCACTAGCAACCTCAAA CAGACACCATGGTGCATCTGACTCCTGAGGAGAAGTCTGCCGTTACTGCCCTGTGGGGCAAGGTGAACGTGGATGAAGTT GGTGGTGAGGCCCTGGGCAGGTTGGTATCAAGGTTACAAGACAGGTTTAAGGAGACCAATAGAAACTGGGCATGTGGAGA GTCTACCCTTGGACCCAGAGGTTCTTTGAGTCCTTTGGGGATCTGTCCACTCCTGATGCTGTTATGGGCAACCCTAAGGT GAAGGCTCATGGCAAGAA<mark>G</mark>TGCTCGGTGCCTTTAGTGATGGCCTGGCTCACCTGGACAACCTCAAGGGCACCTTTGCCA CACTGAGTGAGCTGCACTGTGACAAGCTGCACGTGGATCCTGAGAACTTCAGGGTGAGTCTATGGGACGCTTGATGTTTT CTTTCCCCTTCTTTTCTATGGTTAAGTTCATGTCATAGGAAGGGGATAAGTAACAGGGTACAGTTTAGAATGGGAAACAG ACGAATGATTGCATCAGTGTGGAAGTCTCAGGATCGTTTTAGTTTCTTTTATTTGCTGTTCATAACAATTGTTTTCTTTT GTTTAATTCTTGCTTTCTTTTTTTTTTCTTCTTCTCGCAATTTTTTACTATTATACTTAATGCCTTAACATTGTGTATAACAAA ΔΤGΤGΤGCΤΤΔΤΤΤGCΔΤΔΤΤCΔΤΔΔΤCΤCCCΤΔCΤΤΤΔΤΤΤΤCΤΤ ΤΔΤΤΤΤΤΔΔΤΤGΔΤΔCΔΤΔΔΤCΔΤΤΔΤΔCΔΤΔΤ TTATGGGTTAAAGTGTAATGTTTTAATATGTGTACACATATTGACCAAATCAGGGTAATTTTGCATTTGTAATTTTAAAA AATGCTTTCTTCTTTTAATATACTTTTTTTGTTTATCTTATTTCTAATACTTTCCCTAATCTCTTTTCTTTCAGGGCAATAA TGATACAATGTATCATGCCTCTTTTGCACCATTCTAAAGAATAACAGTGATAATTTCTGGGTTAAGGCAATAGCAATATCT  $CTGC\Delta T\Delta T\Delta \Delta\Delta T\Delta TTTCTGC\Delta T\Delta T\Delta\Delta\Delta\Delta TTGT\Delta\Delta CTG\Delta TGT\Delta\Delta GGGGTTTC\Delta T\Delta TTGCT\Delta\Delta T\Delta GC\Delta GCT\Delta C\Delta GCT\Delta$ CCATTCTGCTTTTATTTTATGGTTGGGATAAGGCTGGATTATTCTGAGTCCAAGCTAGGCCCTTTTTGCTAATCATGTTCA CCACCAGTGCAGGCTGCCTATCAGAAAGTGGTGGCTGGTGTGGCTAATGCCCTGGCCCACAAGTATCACTAAGCTCGCTT TCTTGCTGTCCAATTTCTATTAAAGGTTCCTTTGTTCCCTAAGTCCAACTACTAAACTGGGGGATATTATGAAGGGCCTT GAGCATCTGGATTCTGCCTAATAAAAAACAT**T**TATTTTCATTGCAATGATGTATTTAAATTATTTCTGAATATTTTACTA AAAAGGGAATGTGGGAGGTCAGTGCATTTAAAACATAAAGAAATGAAGAGCTAGTTCAAACCTTGGGAAAATACACTATA

Unrelated humans have genomes that are 99.8-99.9% similar

GATCACAGGTCTATCACCCTATTAACCACTCACGGGAGCTCTCCATGCATTTGGTATTTT CGTCTGGGGGGTATGCACGCGATAGCATTGCGAGACGCTGGAGCCCGGAGCACCCTATGTC ACAATTGAATGTCTGCACAGCCACTTTCCACACAGACATCATAACAAAAATTTCCACCA **AACCCCCCCCCCCCCCCCTTCTGGCCACAGCACTTAAACACATCTCTGCCAAAACCCCAAAA** ACAAAGAACCCTAACACCAGCCTAACCAGATTTCAAATTTTATCTTTTTGGCGGTATGCAC CCCCGAACCAACCAAACCCCAAAGACACCCCCCACAGTTTATGTAGCTTACCTCCTCAAA GCAATACACTGACCCGCTCAAACTCCTGGATTTTGGATCCACCCAGCGCCTTGGCCTAAA CTAGCCTTTCTATTAGCTCTTAGTAAGATTACACATGCAAGCATCCCCGTTCCAGTGAGT TCACCCTCTAAATCACCACGATCAAAAGGAACAAGCATCAAGCACGCAGCAATGCAGCTC AAAACGCTTAGCCTAGCCACACCCCCACGGGAAACAGCAGTGATTAACCTTTAGCAATAA GGTCACACGATTAACCCAAGTCAATAGAAGCCGGCGTAAAGAGTGTTTTAGATCACCCCC TCCCCAATAAAGCTAAAACTCACCTGAGTTGTAAAAAACTCCAGTTGACACAAAATAGAC TACGAAAGTGGCTTTAACATATCTGAACACACAATAGCTAAGACCCAAACTGGGATTAGA

TACCCCACTATGCTTAGCCCTAAACCTCAACAGTTAAATCAACAAAACTGCTCGCCAGAA CACTACGAGCCACAGCTTAAAACTCAAAGGACCTGGCGGTGCTTCATATCCCTCTAGAGG AGCCTGTTCTGTAATCGATAAACCCCGATCAACCTCACCACCTCTTGCTCAGCCTATATA TATGTCGCAGTATCATGTCGCAGTATCTG

TATGTCGCAGTATCTT

TATGTCGCAGTATCTG

GTCGCAGTATCTGTCT

GTCGCAGTATCTGTCT

CCGGACACCCTATATATGTCGCAGTATCTT

ACACCCTATGTCGCA

ACACCCTATGTCGCATTCGCAGTATCTG

ACACCCTATGTCGCACTATCTG

CCGGACACCCCTATATATAT

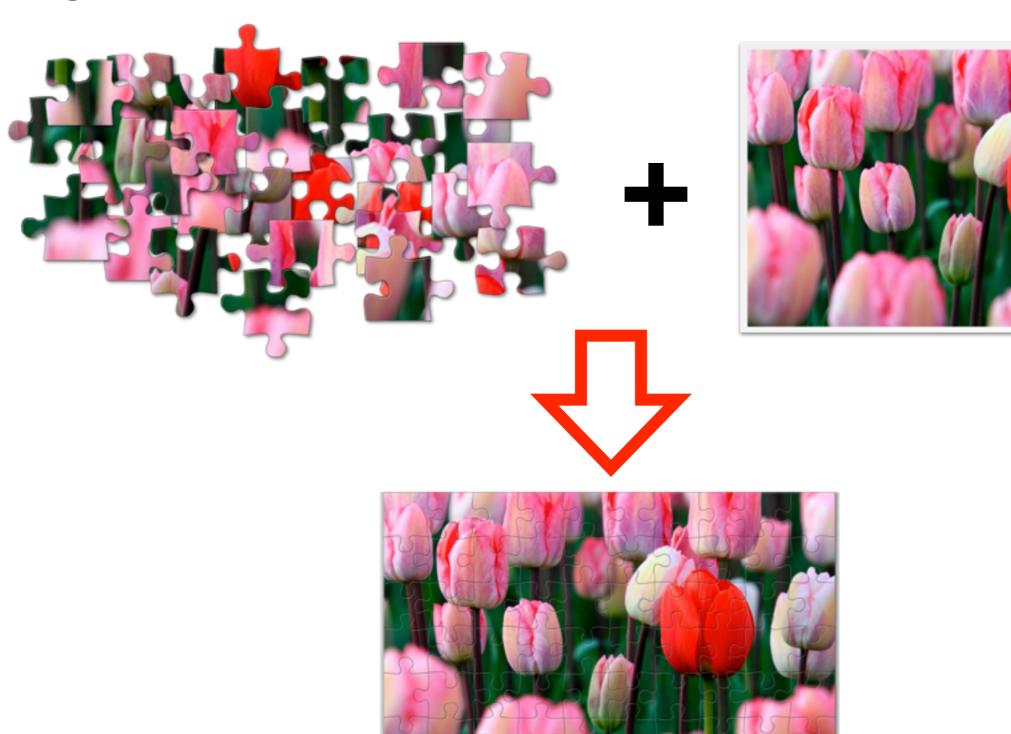
CCGGACACCCCTATATATAT

CCGGACACCCCTATATATAT

TGTCGCAGTATCTGTC



## Alignment



## Assembly

