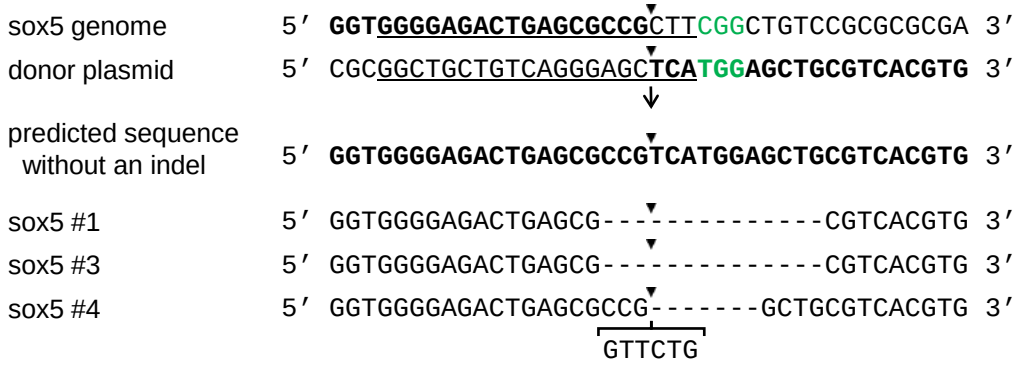
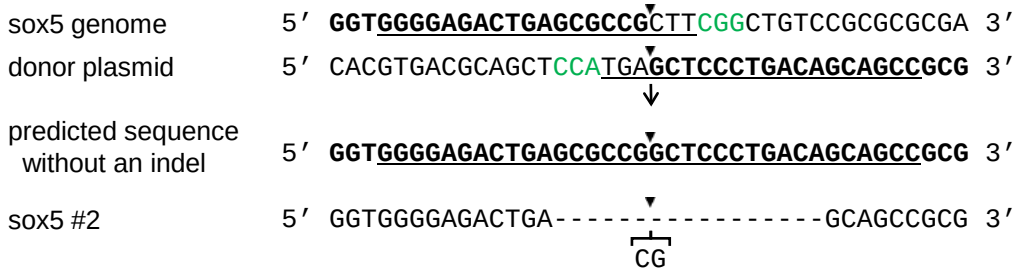
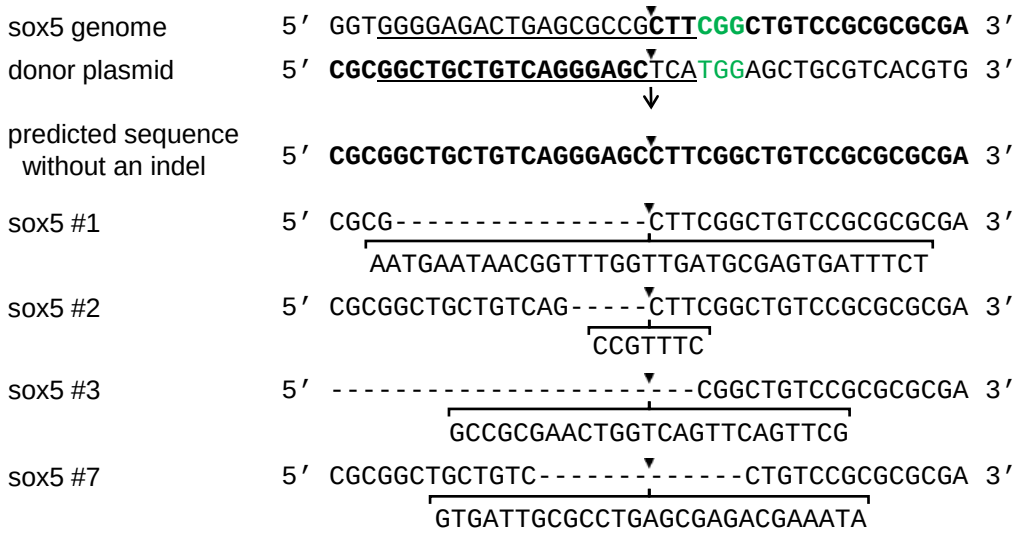
A sox5 5’ side, forward integration



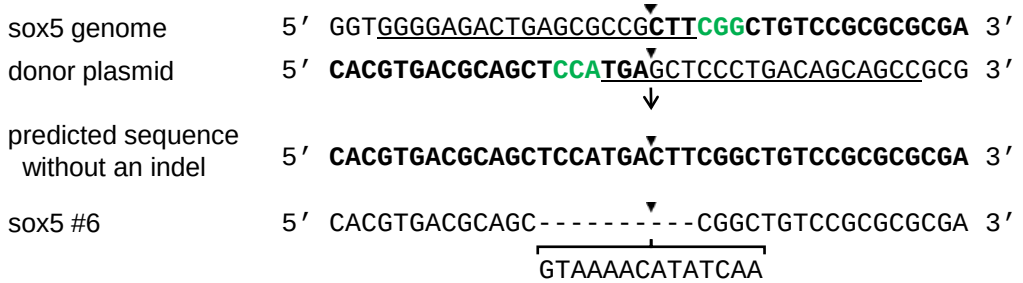
B sox5 5’ side, reverse integration

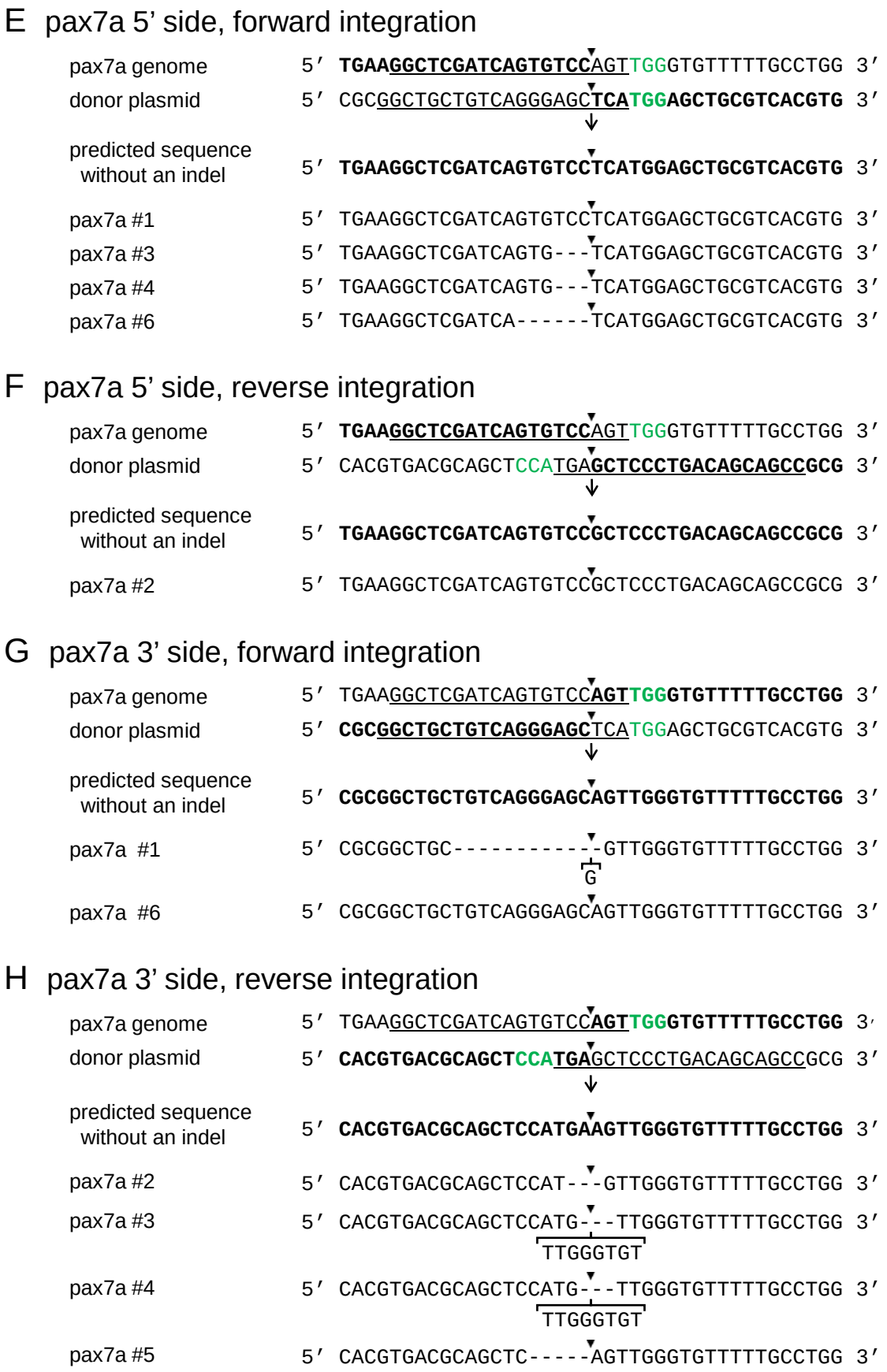


C sox5 3’ side, forward integration



D sox5 3’ side, reverse integration




E pax7a 5' side, forward integration
pax7a genome 5' TGAAGGCTCGATCAGTGTCCAGTTGGGTGTTTTTGCCTGG 3'
donor plasmid 5' CGCGGCTGCTGTCAGGGAGCTCATGGAGCTGCGTCACGTG 3'
predicted sequence without an indel 5' TGAAGGCTCGATCAGTGTCCTCATGGAGCTGCGTCACGTG 3'
pax7a #1 5' TGAAGGCTCGATCAGTGTCCTCATGGAGCTGCGTCACGTG 3'
pax7a #3 5' TGAAGGCTCGATCAGTG---TCATGGAGCTGCGTCACGTG 3'
pax7a #4 5' TGAAGGCTCGATCAGTG---TCATGGAGCTGCGTCACGTG 3'
pax7a #6 5' TGAAGGCTCGATCA------TCATGGAGCTGCGTCACGTG 3'
F pax7a 5' side, reverse integration
pax7a genome 5' TGAAGGCTCGATCAGTGTCCAGTTGGGTGTTTTTGCCTGG 3'
donor plasmid 5' CACGTGACGCAGCTCCATGAGCTCCCTGACAGCAGCCGCG 3'
predicted sequence without an indel 5' TGAAGGCTCGATCAGTGTCCGCTCCCTGACAGCAGCCGCG 3'
pax7a #2 5' TGAAGGCTCGATCAGTGTCCGCTCCCTGACAGCAGCCGCG 3'
G pax7a 3' side, forward integration
pax7a genome 5' TGAAGGCTCGATCAGTGTCCAGTTGGGTGTTTTTGCCTGG 3'
donor plasmid 5' CGCGGCTGCTGTCAGGGAGCTCATGGAGCTGCGTCACGTG 3'
predicted sequence without an indel 5' CGCGGCTGCTGTCAGGGAGCAGTTGGGTGTTTTTGCCTGG 3'
pax7a #1 5' CGCGGCTGC----------GTTGGGTGTTTTTGCCTGG 3'
G
pax7a #6 5' CGCGGCTGCTGTCAGGGAGCAGTTGGGTGTTTTTGCCTGG 3'
H pax7a 3' side, reverse integration
pax7a genome 5' TGAAGGCTCGATCAGTGTCCAGTTGGGTGTTTTTGCCTGG 3'
donor plasmid 5' CACGTGACGCAGCTCCATGAGCTCCCTGACAGCAGCCGCG 3'
predicted sequence without an indel 5' CACGTGACGCAGCTCCATGAAGTTGGGTGTTTTTGCCTGG 3'
pax7a #2 5' CACGTGACGCAGCTCCAT---GTTGGGTGTTTTTGCCTGG 3'
pax7a #3 5' CACGTGACGCAGCTCCATG---TTGGGTGTTTTTGCCTGG 3'
TTGGGTGT
pax7a #4 5' CACGTGACGCAGCTCCATG---TTGGGTGTTTTTGCCTGG 3'
TTGGGTGT
pax7a #5 5' CACGTGACGCAGCTC-----AGTTGGGTGTTTTTGCCTGG 3'