

Additional file 2

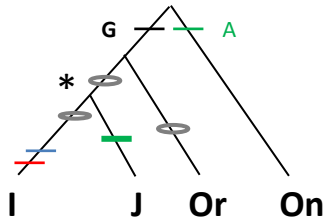
Supplemental Fig. 1. Mapping of mutational events.

A total of 202 genealogies are shown for 101 genes sampled from the genomes of *Oryza sativa* and the close relatives *O. rufipogon* (Or) and *O. nivara* (On). Genes are grouped by chromosomes and numbered in the order as one listed in Supplemental table 1. A gene-genealogy follows the format of Fig. 1. The missing sites of nucleotides are shown in square. Indels are in circles and those causing early stop codons in filled circles.

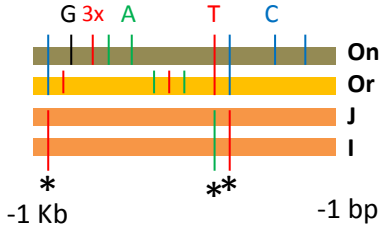
a. Chromosome 1

1

ME-coding-1926 bp

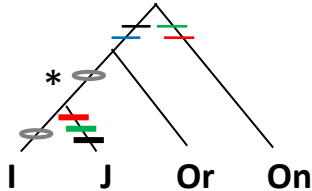


ME-5'

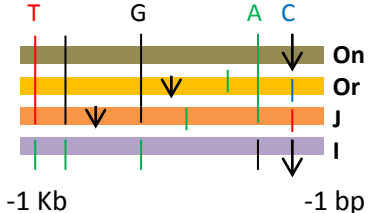


2

CKX2-coding-1704 bp

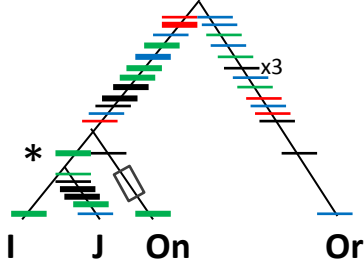


CKX2-5'

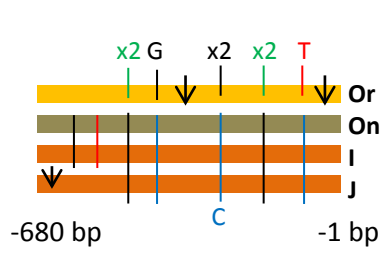


3

ANS1-coding-1128 bp

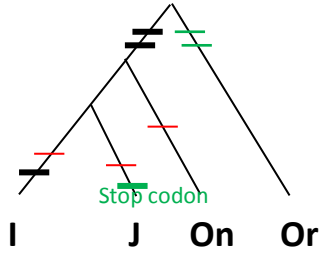


ANS1-5'

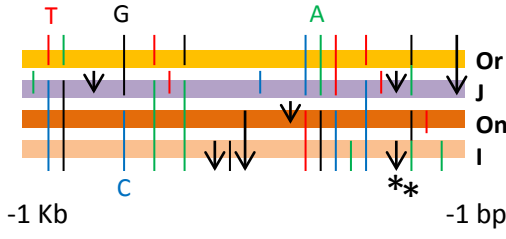


4

DFR-coding-1119 bp

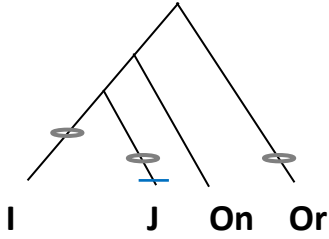


DFR-5'

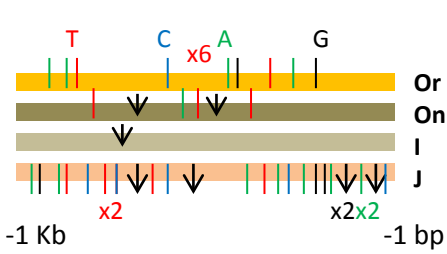


5

NOG1-coding-1197 bp

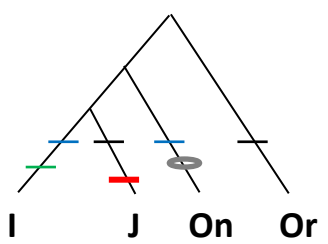


NOG1-5'

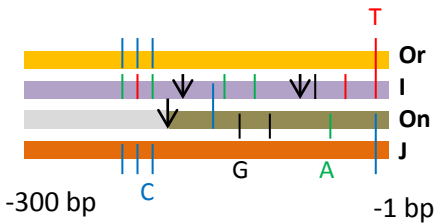


6

CM3-coding-942 bp

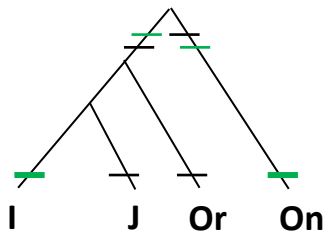


CM3-5' (alignable)

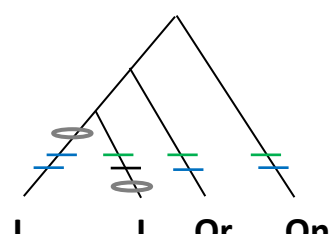


7

iPGAM1-coding-1680 bp

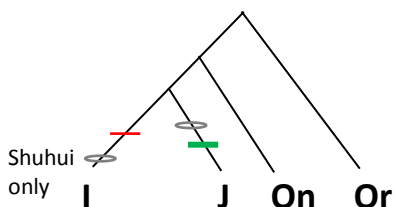


iPGAM1-5'-600bp (alignable)

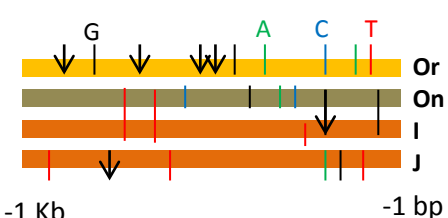


8

SD1-coding-1170 bp

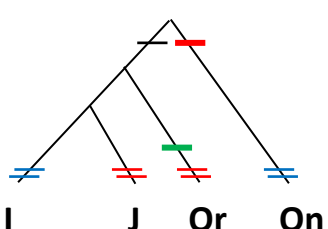


SD1-5'

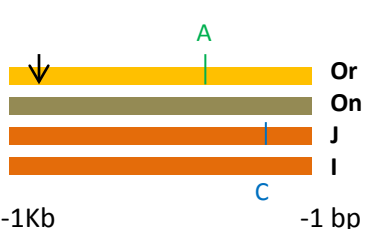


9

qSH1-coding-1839 bp



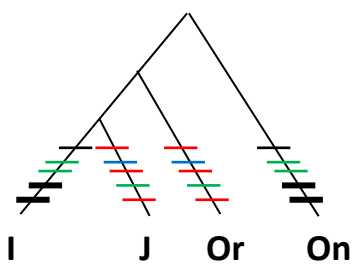
qSH1-5'



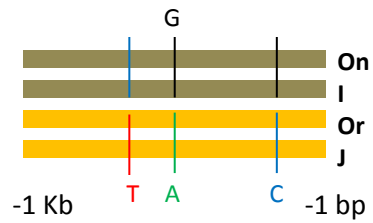
b. Chromosome 2

10

SBE3-coding-2478 bp

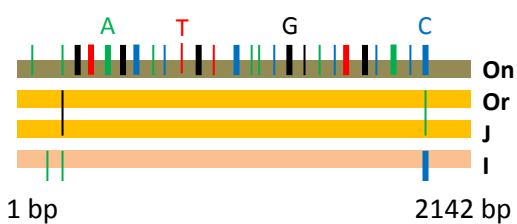


SBE3-5'

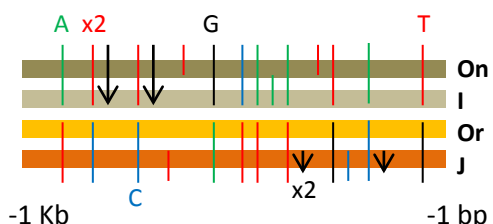


11

ZB8-coding-2142 bp

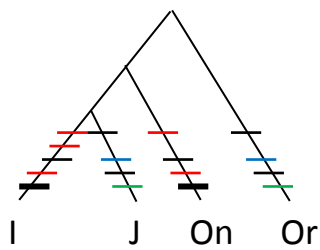


ZB8-5'

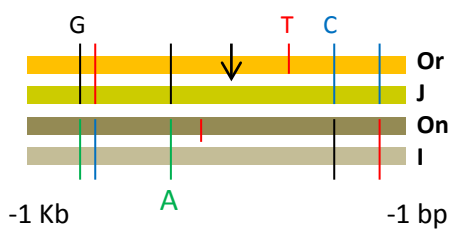


12

TTG1-coding-1068 bp

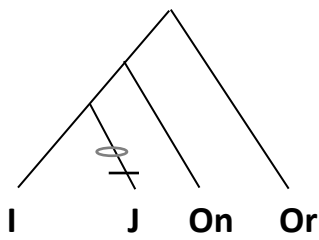


TTG1-5'

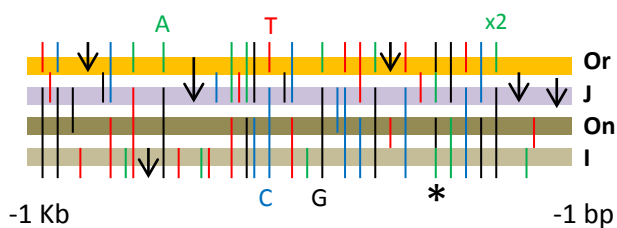


13

SK2-coding-1029 bp

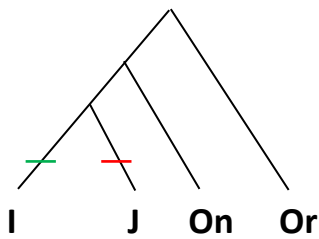


SK2-5'

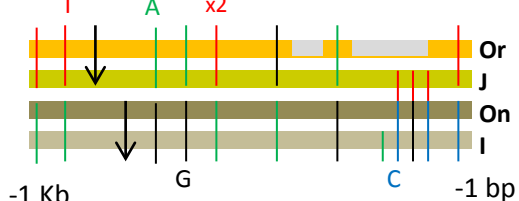


14

FLS-coding-996 bp

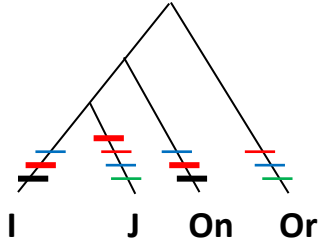


FLS-5'

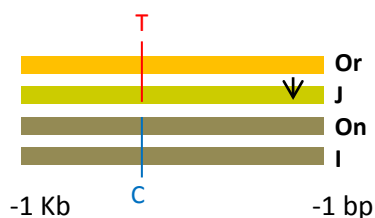


15

DTH2-coding-1224 bp



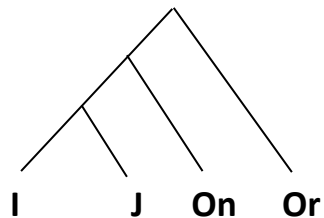
DTH2-5'



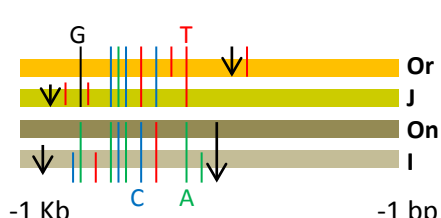
c. Chromosome 3

16

MADS1-coding-774 bp

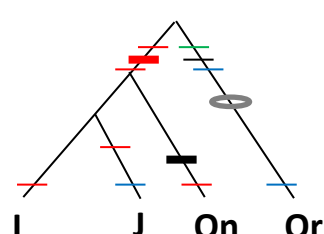


MADS1-5'

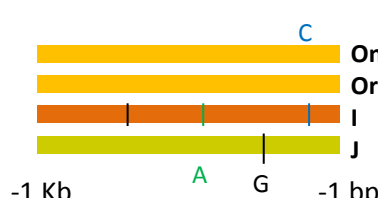


17

CS-coding-1317-1506 bp

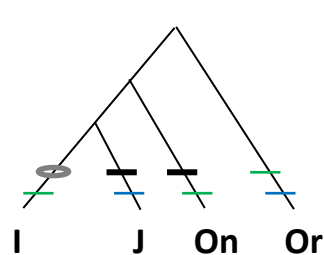


CS-5'

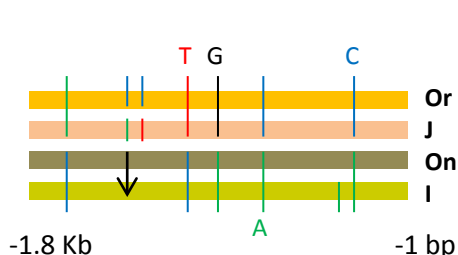


18

LAR-coding-1077 bp

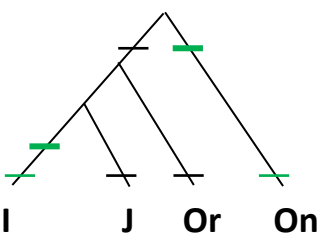


LAR-5'

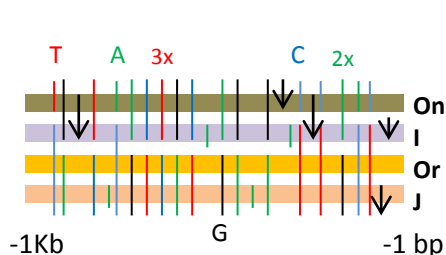


19

iPGAM2-coding-1677 bp

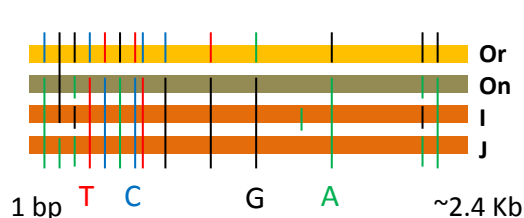


iPGAM2-5'

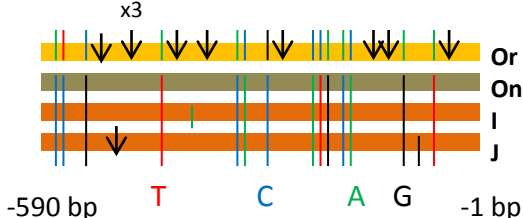


20

SUS4-coding-2430 bp

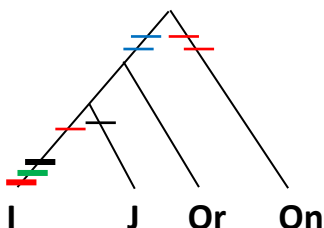


SUS4-5'

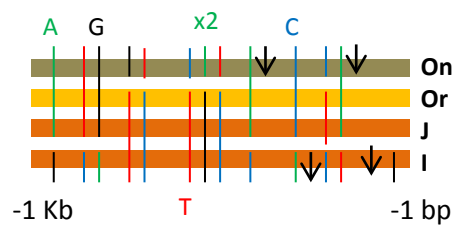


21

DAHPS1-coding-1668 bp

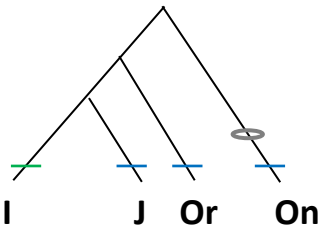


DAHPS1-5'

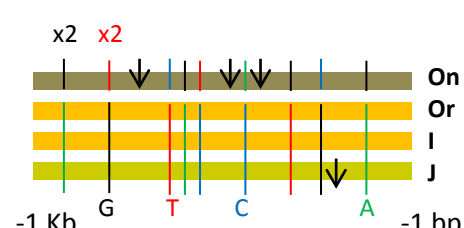


22

GS3-coding-699 bp

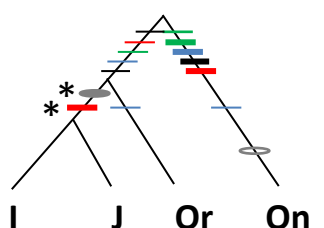


GS3-5'

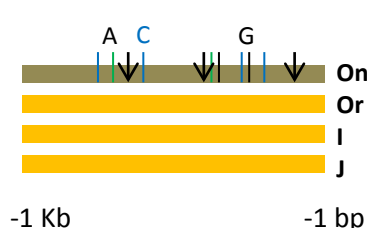


23

MYB3-coding-966-1029 bp

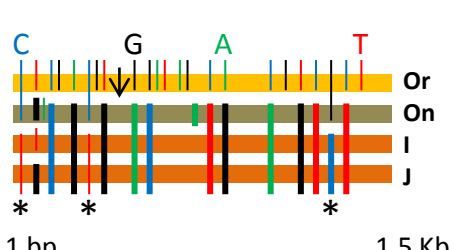


MYB3-5'

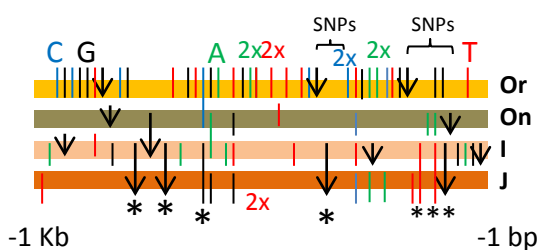


24

GL3.2-coding-1554 bp



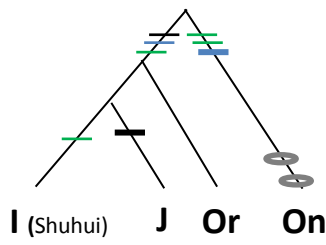
GL3.2-5'



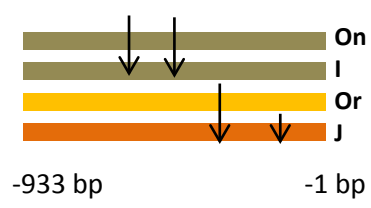
c. Chromosome 3 (cont.)

25

TB1-coding-1188 bp

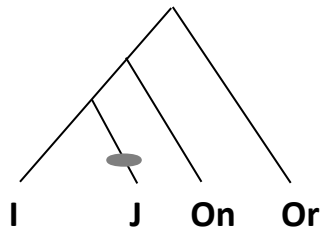


TB1-5'

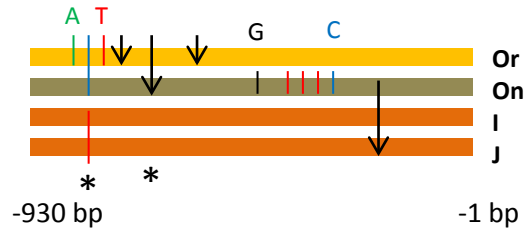


26

Hd6-coding-627 bp

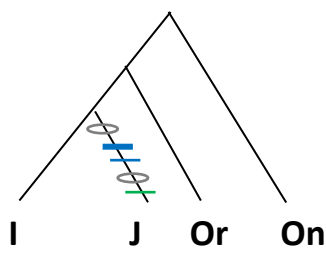


Hd6-5'

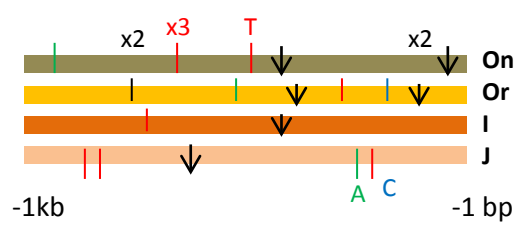


27

Dst-coding-927 bp

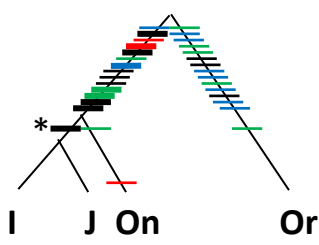


Dst-5'

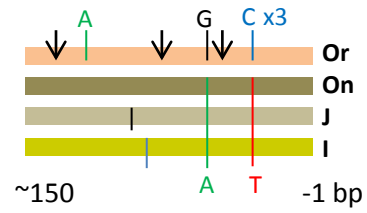


28

CHI-coding-702 bp

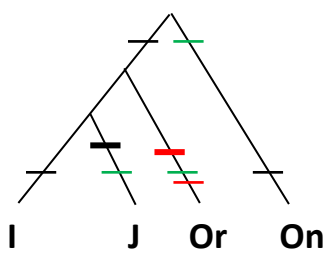


CHI-5' (alignable)

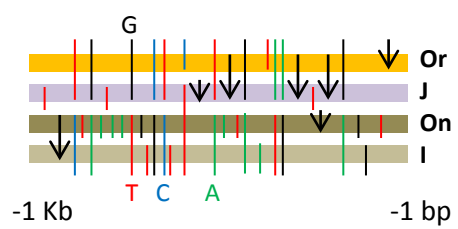


29

ASA1-coding-1734 bp

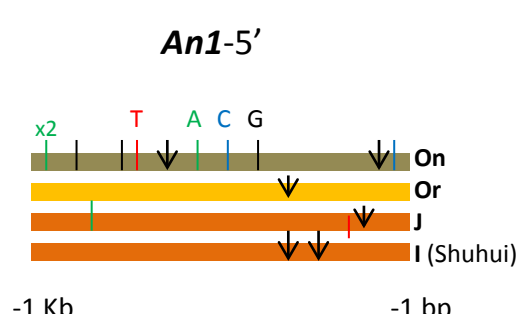
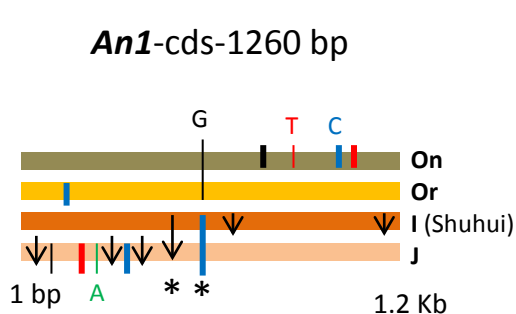


ASA1-5'

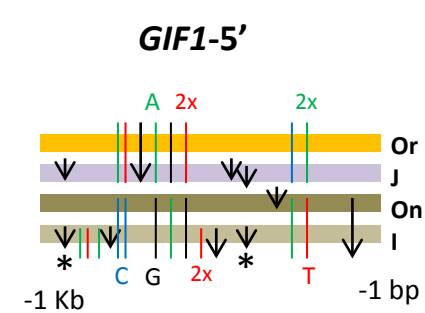
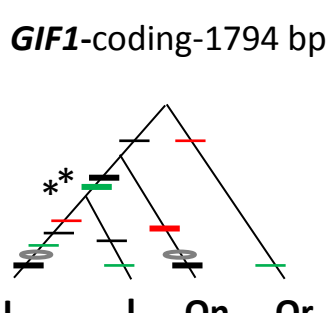


d. Chromosome 4

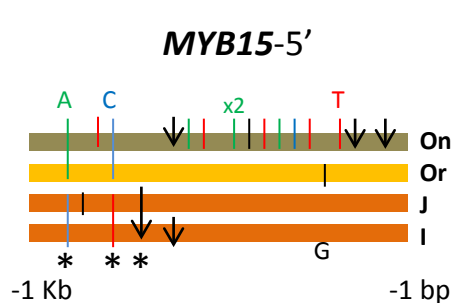
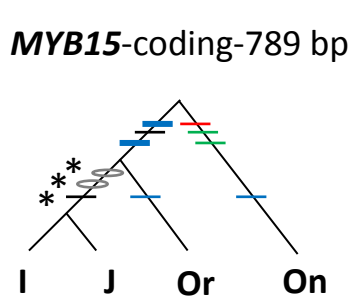
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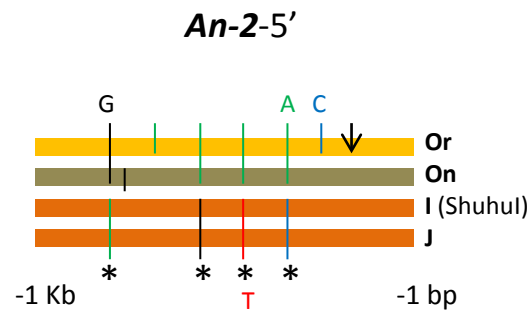
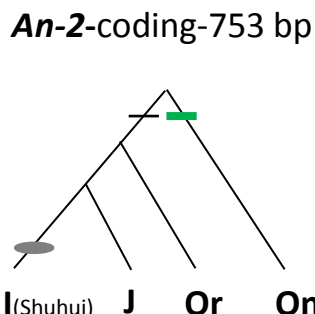
31



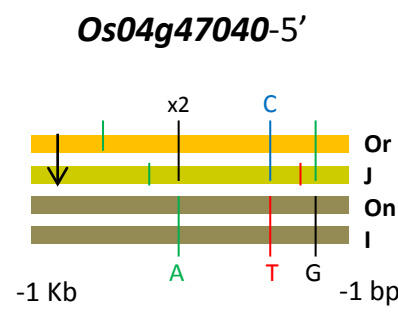
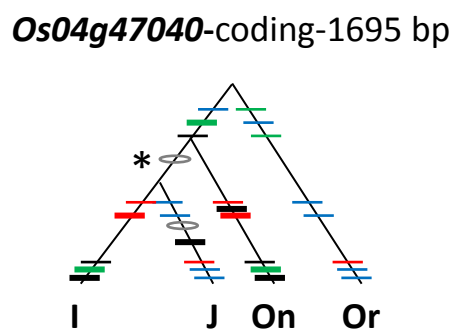
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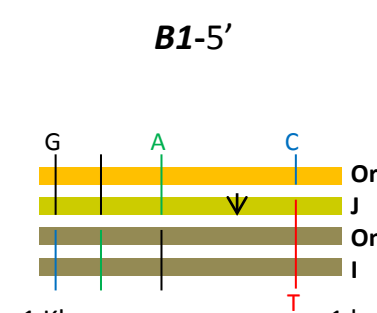
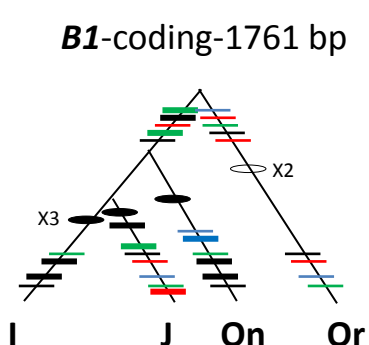
33



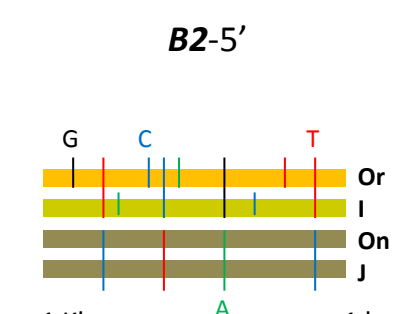
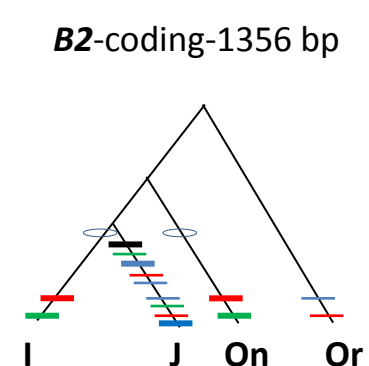
34



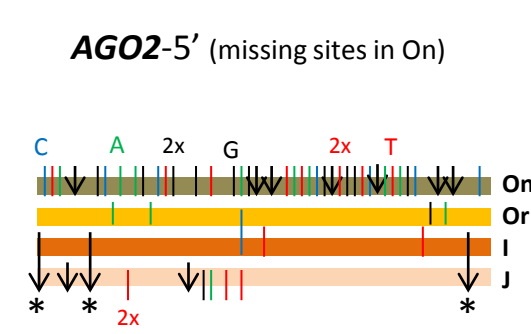
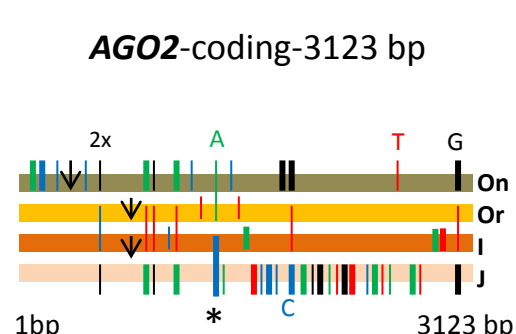
35



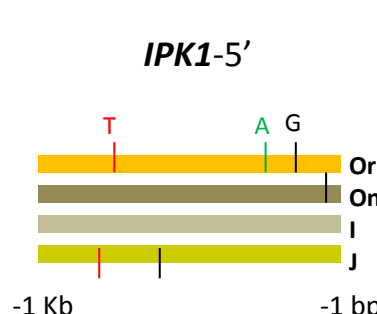
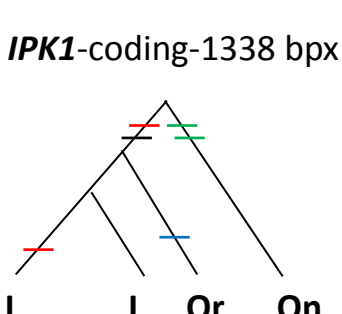
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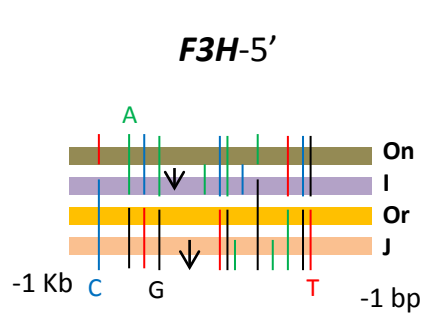
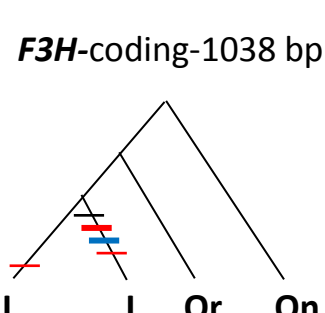
37



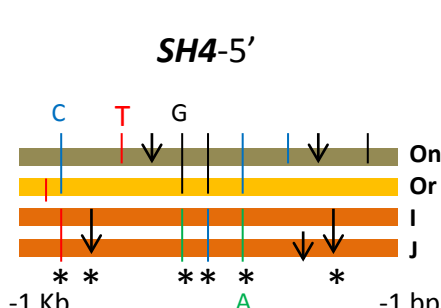
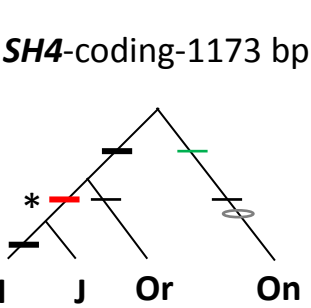
38



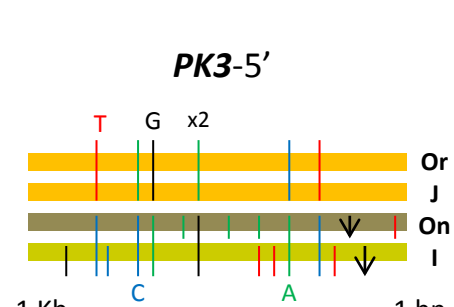
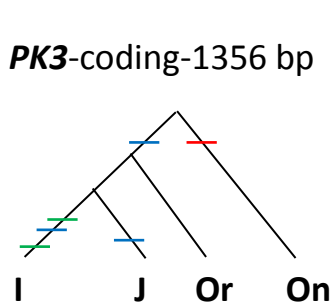
39



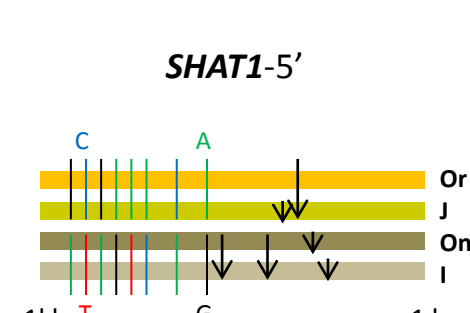
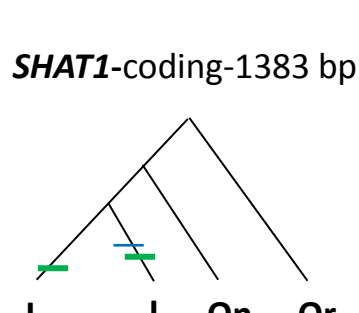
40



41



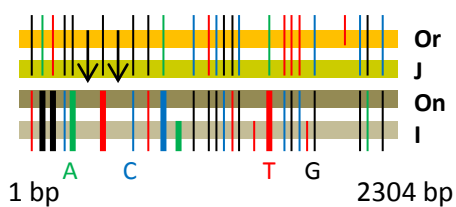
42



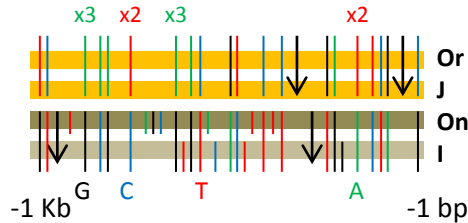
e. Chromosome 5

43

Chalk5-coding-2304 bp

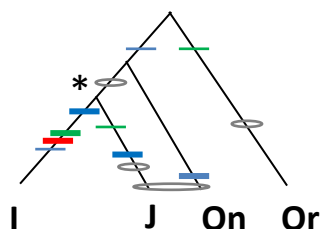


Chalk5-5' region

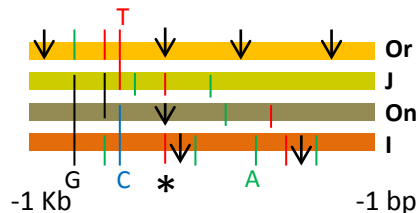


44

GS5-coding-1458 bp

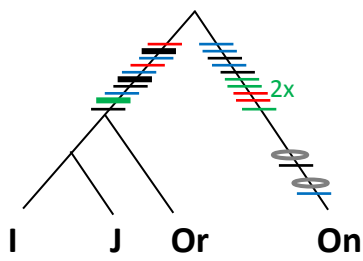


GS5-5'

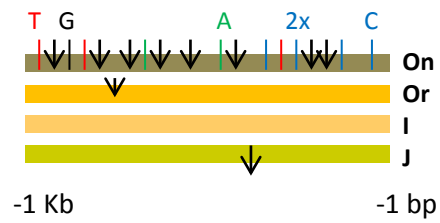


45

qSW5-coding-1494 bp

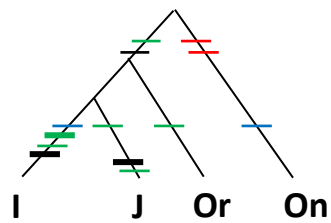


qSW5-5'

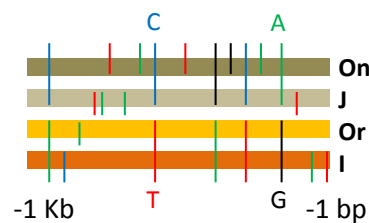


46

Os05g10780.1-coding-1314 bp

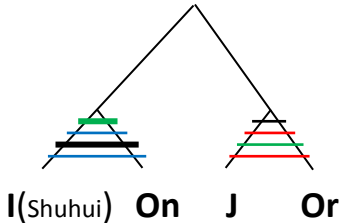


Os05g10780.1-5'

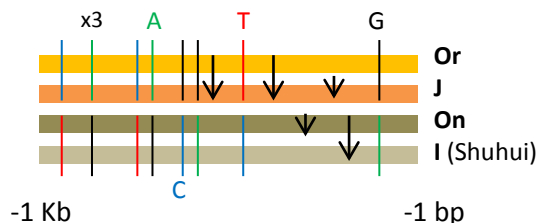


47

ACC7-coding-1491 bp

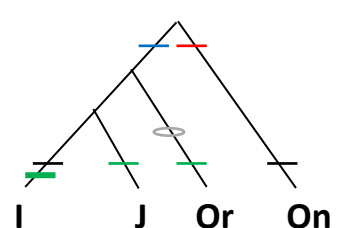


ACC7-5'

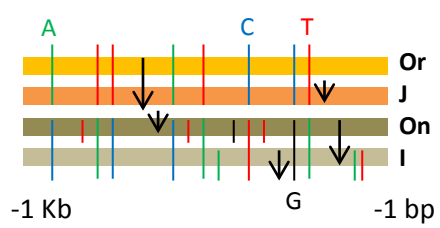


48

C4H-coding-1503 bp

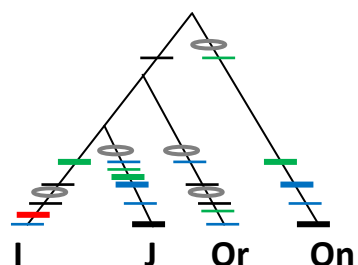


C4H-5'

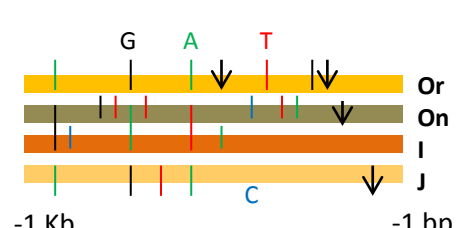


49

SH5-coding-1743 bp

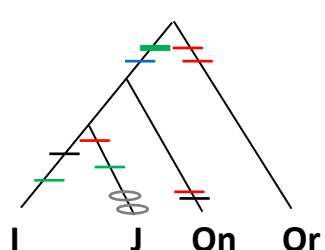


SH5-5'

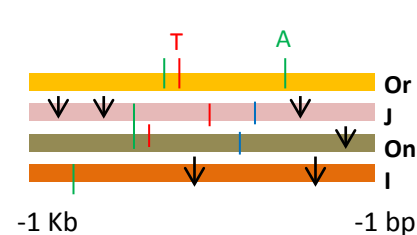


50

T6P-coding-2595 bp



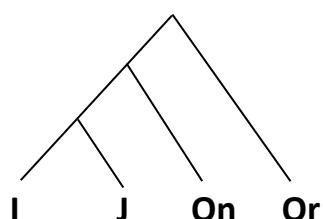
T6P-5'



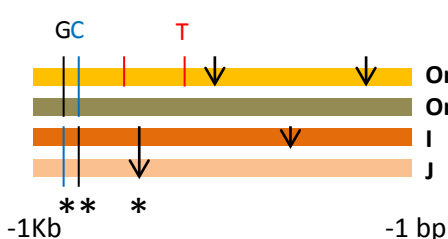
f. Chromosome 6

51

EPSPS-coding-1548 bp

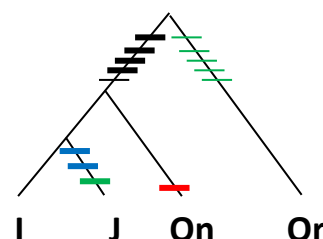


EPSPS-5'

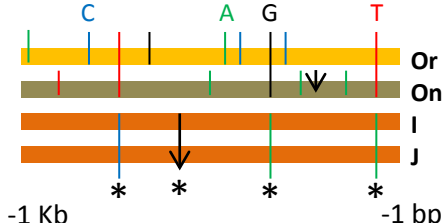


52

Hd3a-coding-540 bp

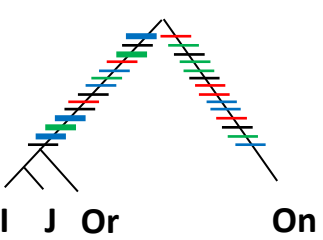


Hd3a-5'

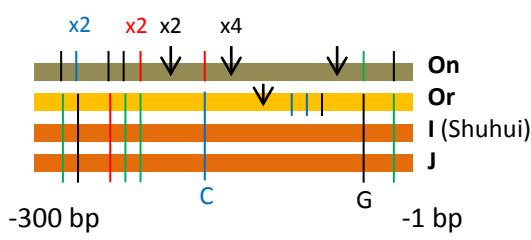


53

SSY1-coding-1926 bp

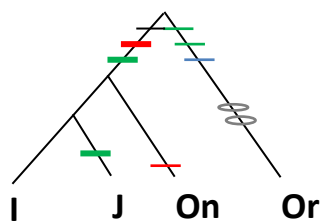


SSY1-5'

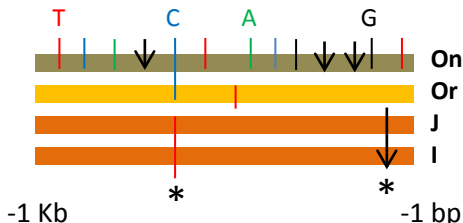


54

C1-coding-819 bp

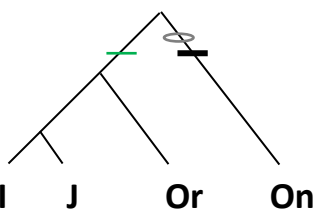


C1-5'

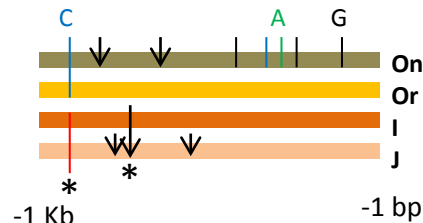


55

TCP19-coding-1203 bp

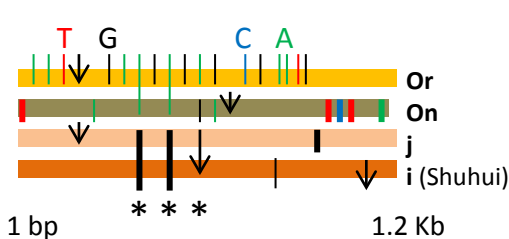


TCP19-5'

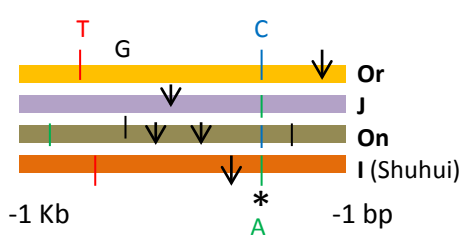


56

Hd1-coding-1233 bp

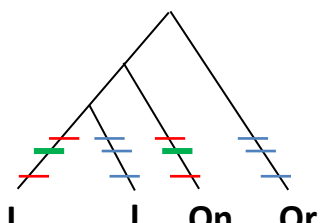


Hd1-5'

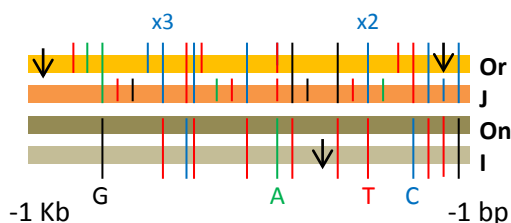


57

3GT-coding-1048 bp

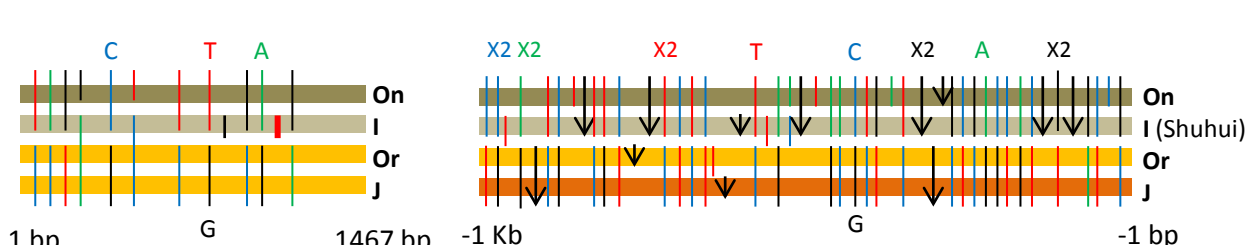


3GT-5'

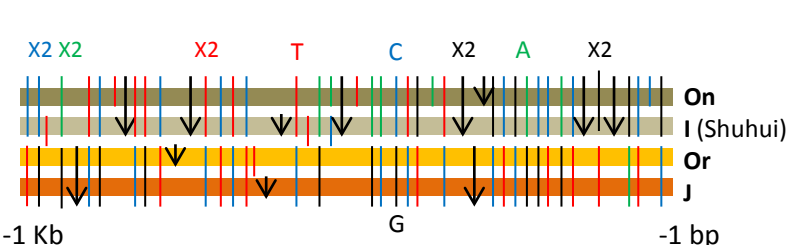


58

vATPB1-coding-1584 bp

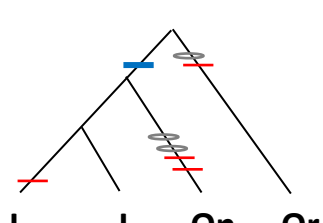


vATPB1-5'

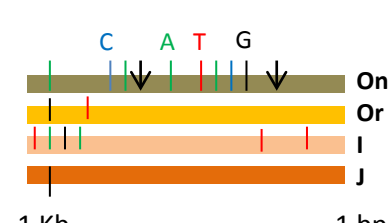


59

GL6-coding-798 bp



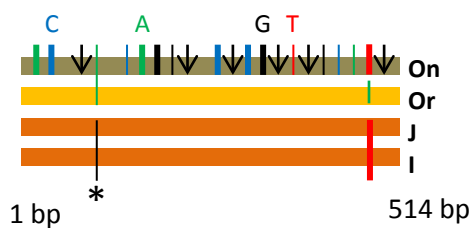
GL6-5'



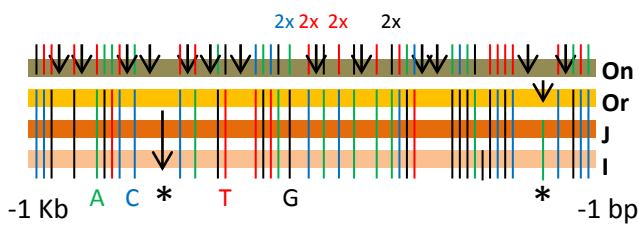
g. Chromosome 7

60

PROG1-coding-514 bp

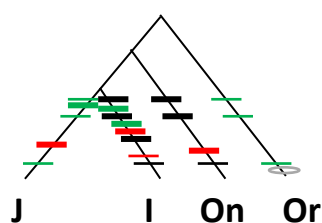


PROG1-5'

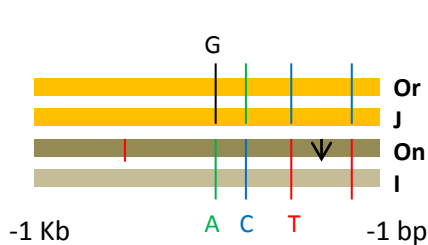


61

bZIP58-coding-1311bp

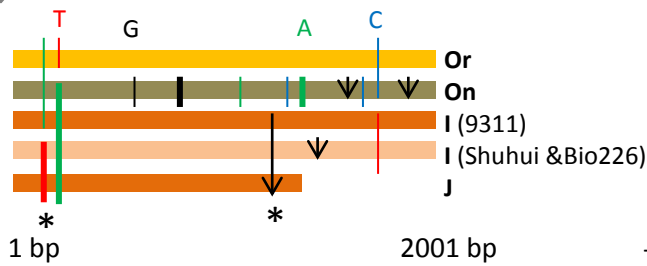


bZIP58-5'

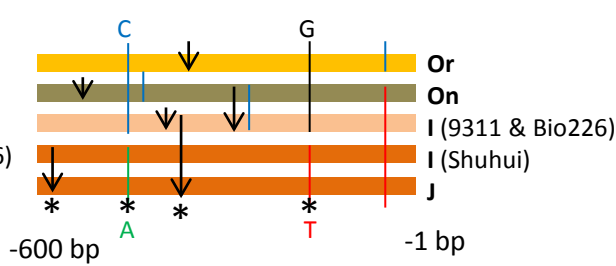


62

Rc-coding-2001 bp

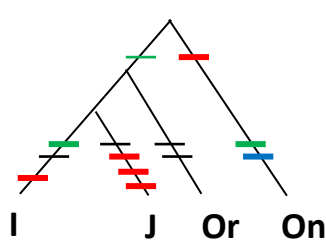


Rc-5'

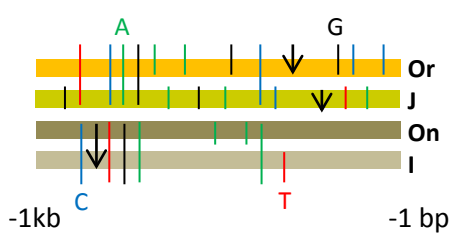


63

SSH1-coding-1311 bp

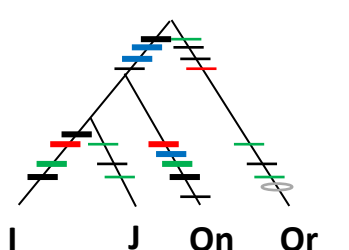


SSH1-5'

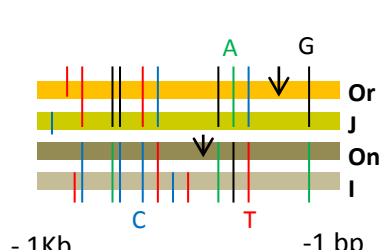


64

Ghd7-coding-774 bp

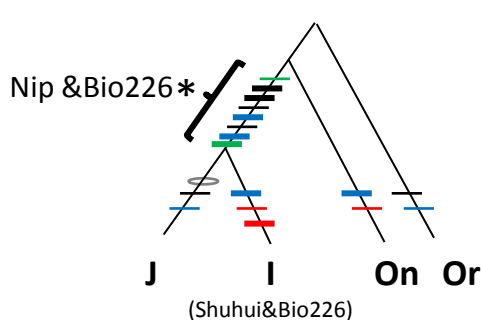


Ghd7-5'

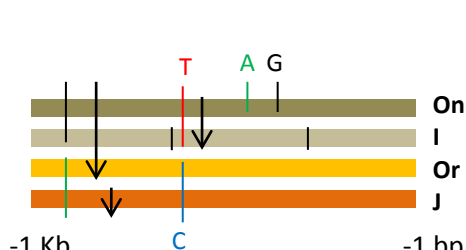


65

SDR4-coding-1032 bp

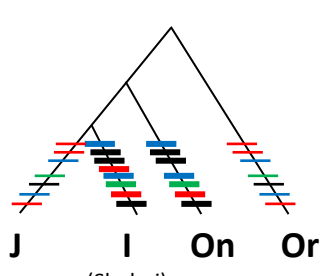


SDR4-5'

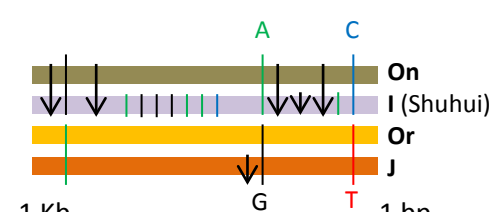


66

BG2-coding-1671 bp



BG2-5'

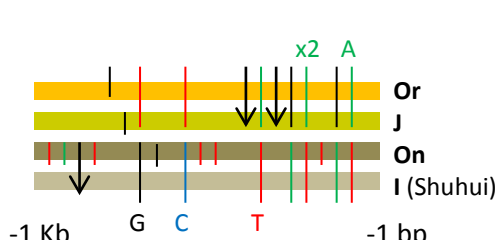


67

DAHPSp-coding-1614 bp

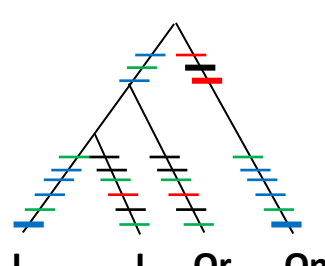


DAHPSp-5'

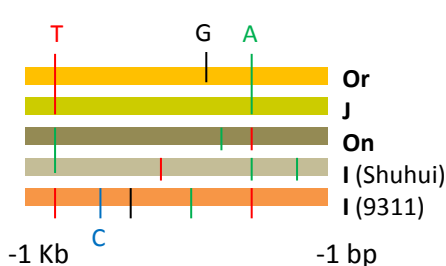


68

NADH-coding-1515 bp

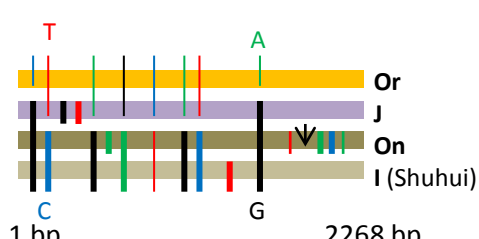


NADH-5'-1Kb

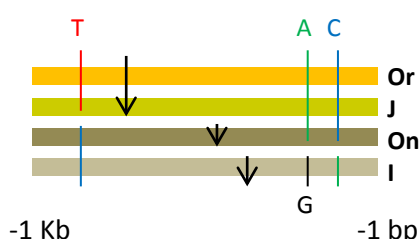


69

PRR37-coding-2268 bp



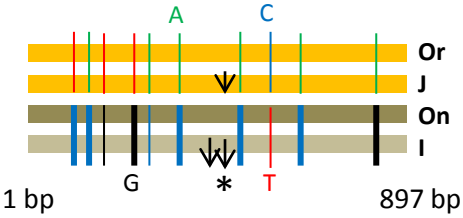
PRR37-5'



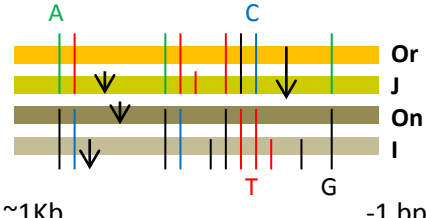
h. Chromosome 8

70

HD5(*Gdh8,DTH8*)-coding-897 bp

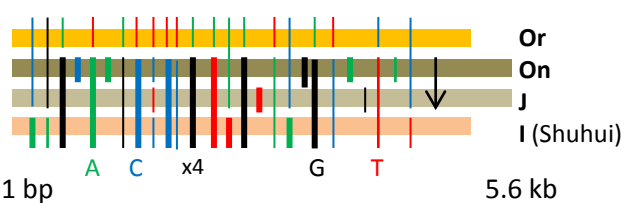


HD5-5'

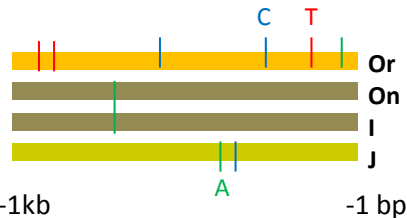


71

SSY3-coding-5586 bp

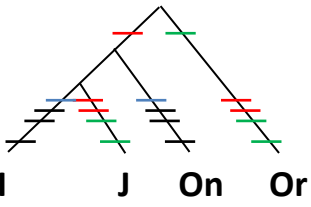


SSY3 -5'

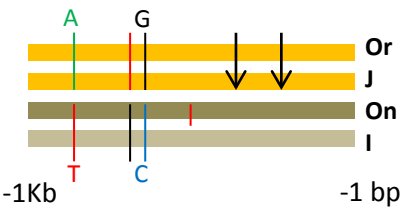


72

APS1-coding-1440 bp

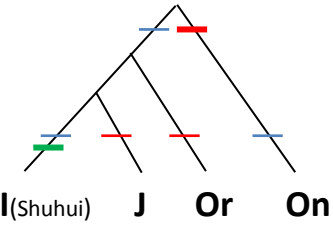


APS1-5'

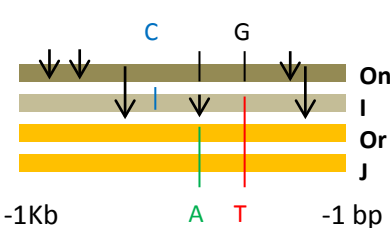


73

CM4-coding-855 bp

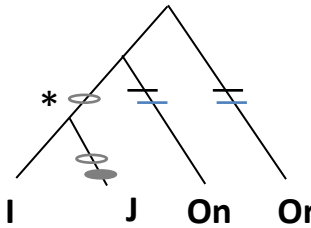


CM4-5'

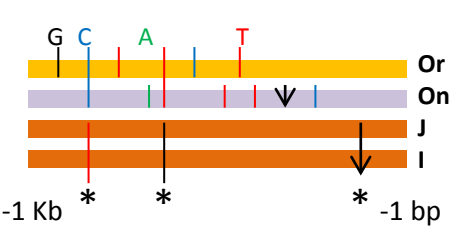


74

RAE2-coding-396 bp

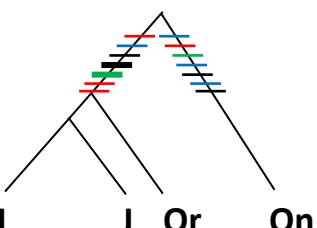


RAE2-5'

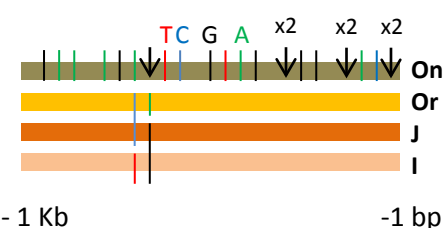


75

IPA1-coding-1254 bp

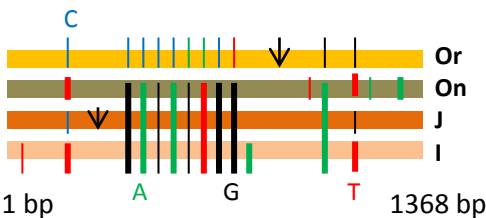


IPA1-5'

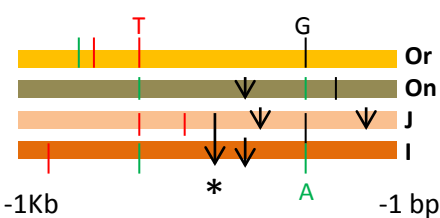


76

SPL16-coding-1368 bp



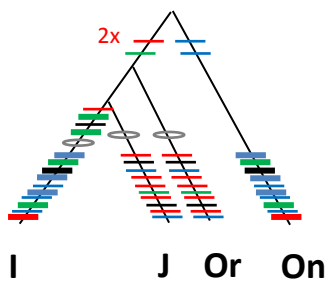
SPL16-5'



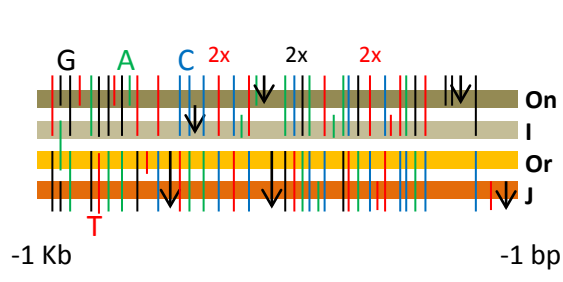
i. Chromosome 9

77

Os09g26890.1-coding-360 bp

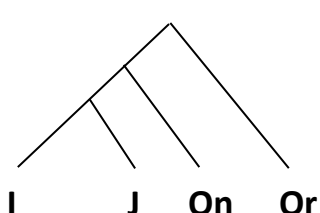


Os09g26890.1 -5'

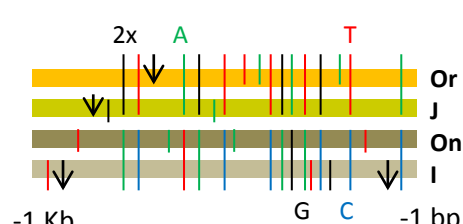


78

Os09g26900.1-coding-450 bp

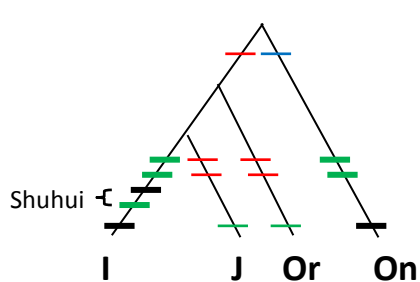


Os09g26900.1-5'

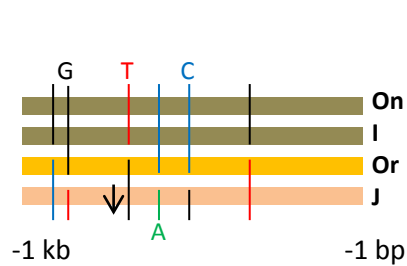


79

DEP1-coding-1281 bp

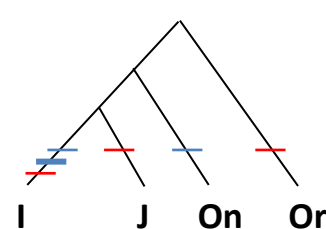


DEP1-5'

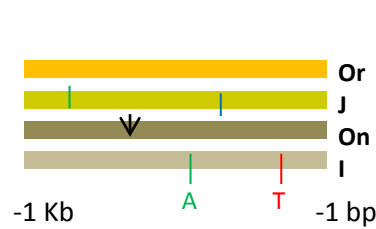


80

PGI-coding-1878 bp

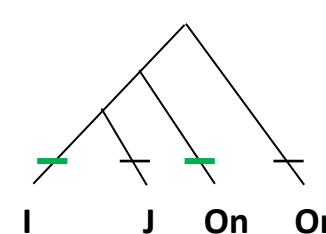


PGI-5'

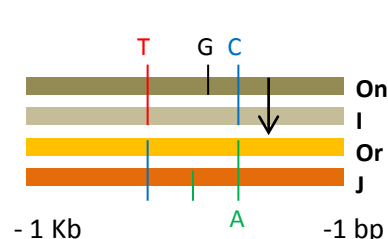


81

bZIP73-coding-522 bp

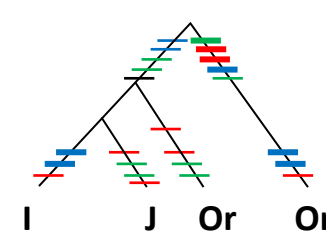


bZIP73-5'

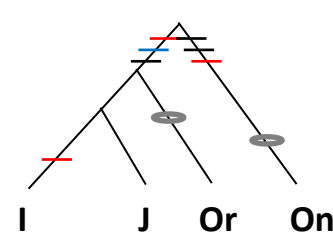


82

PRR95-coding-1872 bp

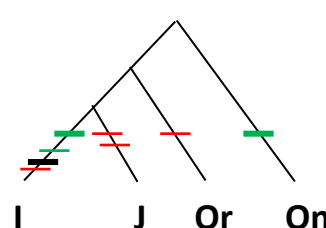


PRR95-5' - 540 bp (alignable)

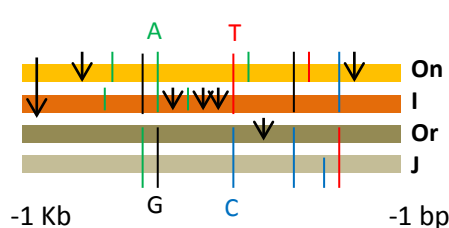


83

DHQS-coding-1332 bp



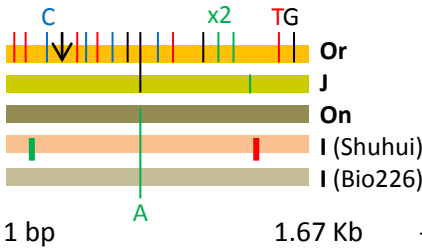
DHQS-5'



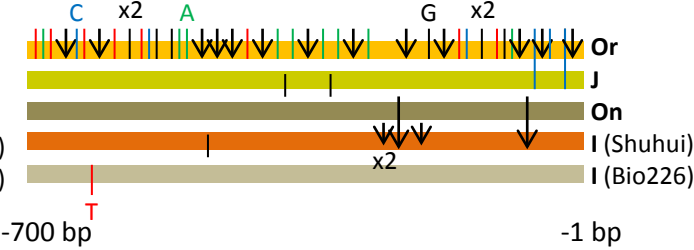
j. Chromosome 10

84

PGMp-coding-1674 bp

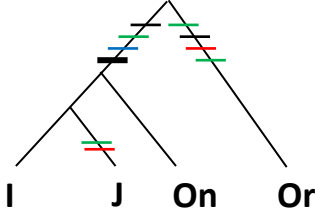


PGMp-5' (alignable)

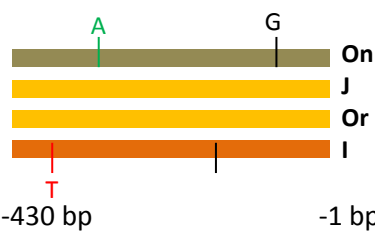


85

F3'H-coding-1581 bp

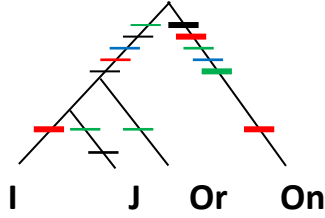


F3'H-5' (alignable)

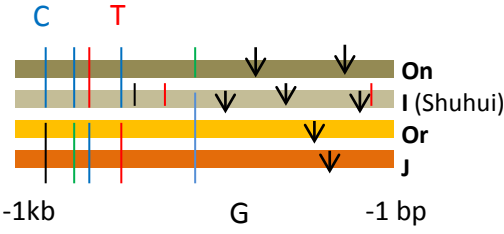


86

Ehd1-coding-1034 bp

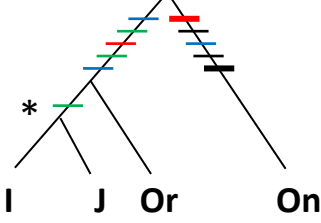


Ehd1-5'

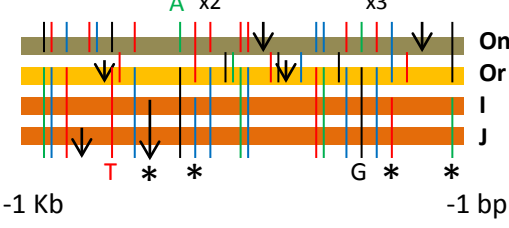


87

DAHPS2-coding-1509 bp

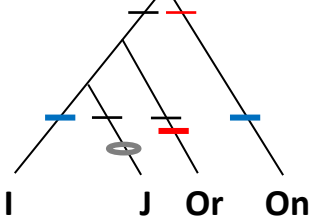


DAHPS2-5'

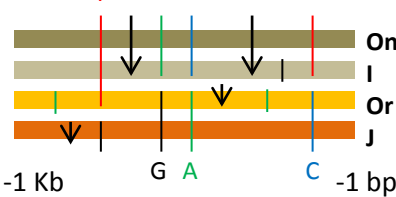


88

MYC2-coding-2256 bp

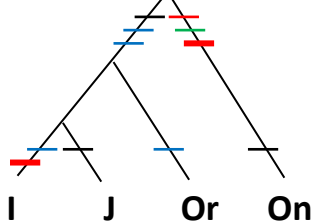


MYC2-5'

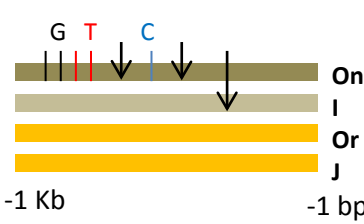


89

NRT1.1B-coding-1793 bp



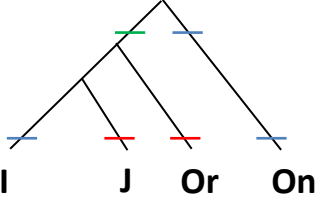
NRT1.1B-5'



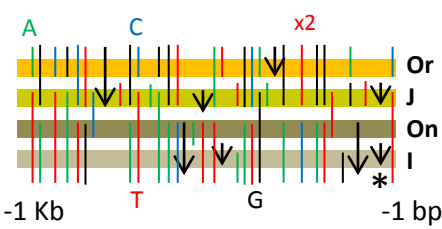
k. Chromosome 11

90

PK1-coding-1584 bp

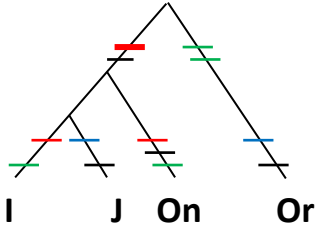


PK1-5'

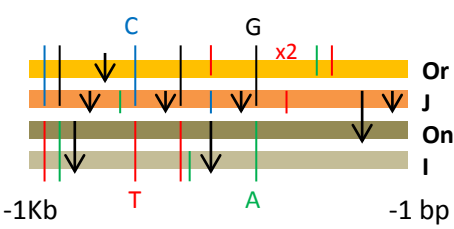


91

Os11g07910.1-coding-1782 bp

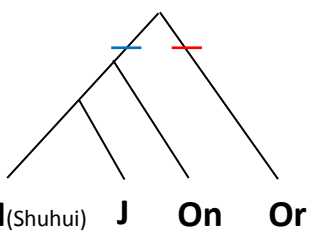


Os11g07910.1-5'

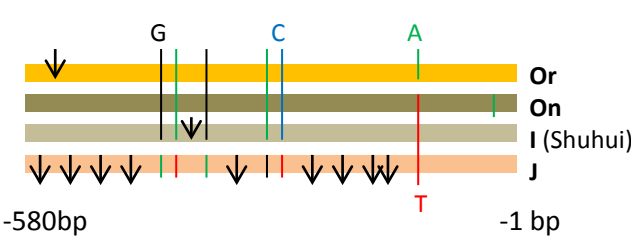


92

ADH2-coding-1140 bp

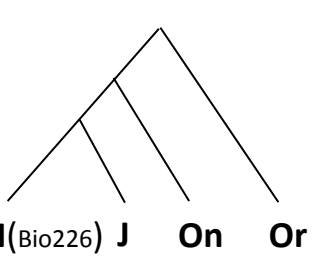


ADH2-5'

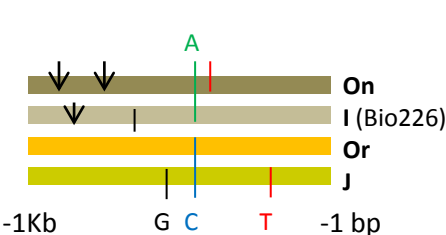


93

Os11g29350.2-coding-753 bp

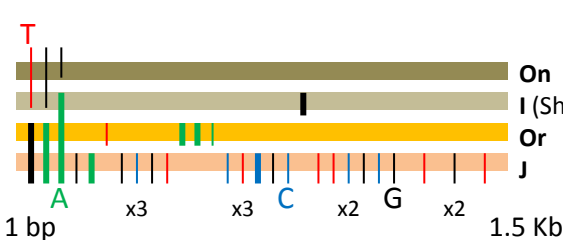


Os11g29350.2-5'

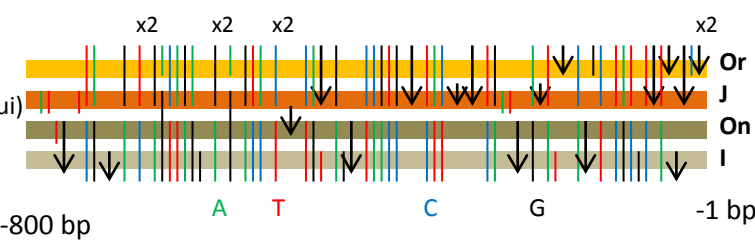


94

Os11g29400.1-coding-1527 bp

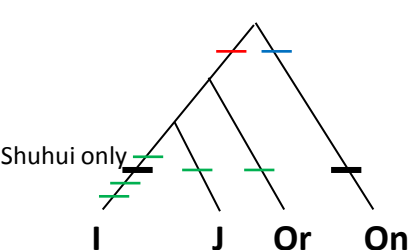


Os11g29400.1-5'

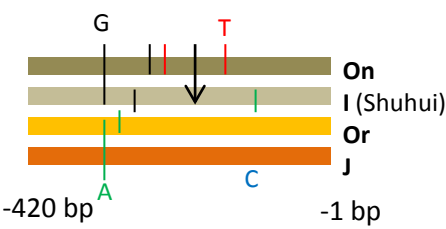


95

CHS-coding-1197 bp



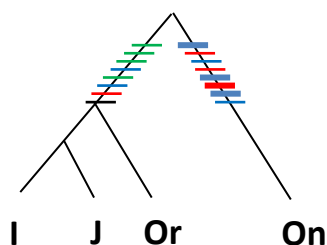
CHS-5'



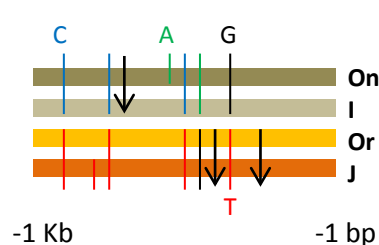
I. Chromosome 12

96

Os12g01760.1-cds-2034 bp

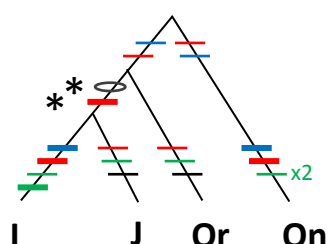


Os12g01760.1-5'

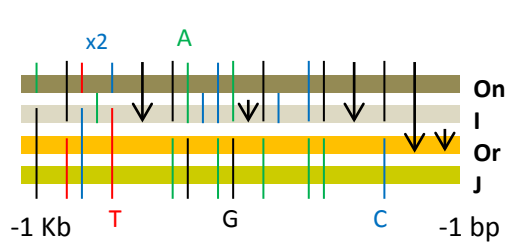


97

Os12g34860.1-coding-1119 bp

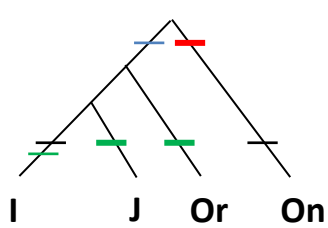


Os12g34860.1-5'

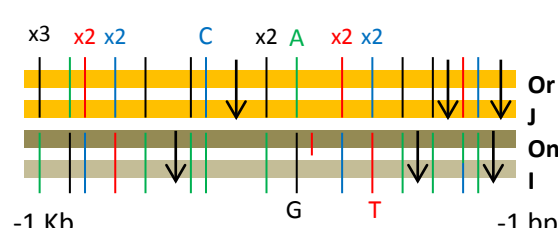


98

DHQD2(SDH2)-coding-1596 bp

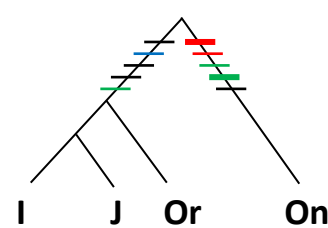


DHQD2(SDH2)-5'

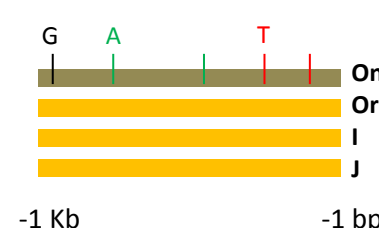


99

Os12g34920.1-coding-932 bp

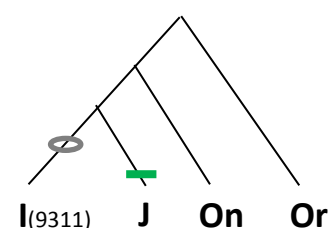


Os12g34920.1-5'

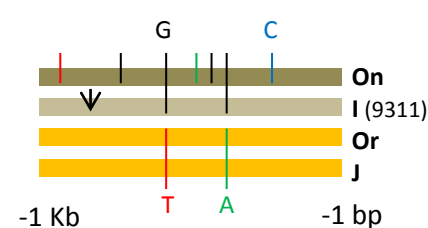


100

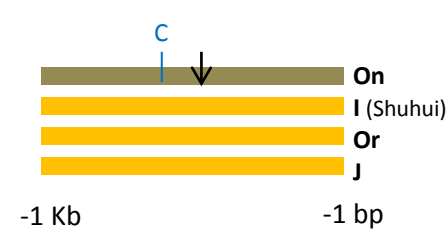
Os12g38920.1-coding (1620-3714 bp)



Os12g38920.1-5'

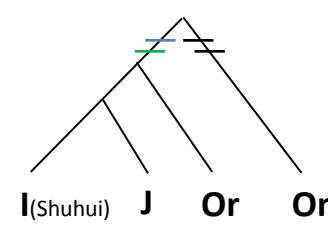


Os12g38920.1-5'



101

CM2-coding-999 bp



CM2-5'

