

Supporting Information S2. The benchmark dataset for splice acceptor sites. It consists of a positive dataset \mathbf{S}_2^+ and a negative dataset \mathbf{S}_2^- . The former contains 2,880 true splice acceptor site containing sequences, while the latter contains 2,800 false splice acceptor site containing sequences.

\mathbf{S}_2^+ : 2,880 true splice acceptor site containing sequences

>1

GGCCAGGGGCATAGAGCTGGCCAAGGAGCCATGGCTCACTAACGTGTTGTATGGGGCT
CCTTCCCTTCAGGTCCAGGCTCCTGCGTGAAAGTGATGCTCCTCTTTGCCTTACTCCTAG
CCATGGAGCTCCCATTGGTGGCA

>2

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TCTCCCCTCTCAGGGACTTACAGTTTGAGATGCCATGACTGTGCGGTCATAAATGACTT
CAACTGTCCCAACATTAGAGTATG

>3

TGTATGTGCCTCAATATTTACAAGCAGAAAATGTGAAATCAATTATTTTCATTGCTGCTT
CTTTTTTTAGGCATAAATTCTCGTGAACACTTGTATTATAAGAACTGTACAAACAACCTGC
ACATTTGTATATGCAGCTGA

>4

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TCTCCTCCCCAGGTGGGCGCTCCTCGCCAAAAAAGGCTACCAGGAGCGGGACCTGGA
ACCCAGTTTTCCATCATCACCAA

>5

AGGCTGCCGGCTTCCGGCCTTTCCAGTCAACACGAGCCCAGCCAGGCCAACCTTGAG
ACTTGCCTCCTAGGGAGAGAACGTGTTCTTCTTGGTGACCAACTTCCTTGTGACGCCA
GCCCAAGTTCAGGGCAGATGCCAG

>6

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CTCCACCTCAGCACCCGTCCGTCCCACTGGCTAACTGCTGGGTCGACGAGGACTGCC
CCGAAGGGGAGGGAGGCACACACA

>7

ACCCCTGGCTGAAGGCCTCCCCAGGCCTGCAGAGATTTGAAGGTCTGGAGTTCATCT
TTTGTCTTCTAGGTGTAAAAACAGGCCAGTGTGTGGTGTTCATGGGACCCACAGGAC
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>8

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>9

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>10

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>11

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>12

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>13

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>14

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>15

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>16

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>17

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>18

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>19

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>20

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>21

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>22

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>23

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>24

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>25

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>26

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>27

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>28

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>29

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>30

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>31

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>32

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>33

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>34

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>35

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>36

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>37

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>38

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>39

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>40

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>41

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>42

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>43

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>44

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>45

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>46

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>47

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>48

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>49

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>50

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>51

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>52

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>53

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>54

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>55

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>56

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>57

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>58

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>59

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>60

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>61

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>62

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>63

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>64

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>65

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>66

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>67

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>68

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>69

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>70

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>71

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>72

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>73

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>74

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>75

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>76

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>77

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>78

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>79

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>80

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>81

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>82

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>83

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>84

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>85

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>86

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>87

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>88

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>89

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>90

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>91

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>92

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>93

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>94

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>95

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>96

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>97

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>98

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>99

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>100

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>101

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>102

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>103

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>104

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>105

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>106

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>107

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>108

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>109

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>110

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>111

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>112

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>113

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>114

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>116

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>117

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>147

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>167

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>171

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>178

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>182

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>183

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>198

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>206

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>209

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>211

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>213

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>214

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>216

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>217

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>218

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>219

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>222

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>223

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>226

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>227

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>228

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>229

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>236

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>283

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>288

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>289

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>291

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>292

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>293

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>296

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>297

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>315

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>316

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>317

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>1658

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>1764

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>2866

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>2867

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>2868

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>2869

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>2870

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>2871

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>2872

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>2873

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>2874

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>2877

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>2878

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>2879

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>2880

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\mathbf{S}_2^- : 2,800 false splice acceptor site containing sequences

>1

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>2

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>3

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>13

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>22

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>26

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>27

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>28

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>31

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>33

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>34

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>36

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>37

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>38

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>39

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>41

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>42

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>43

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>44

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>45

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>46

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>47

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>48

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>49

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>50

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>51

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>52

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>53

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>54

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>56

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>57

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>58

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>59

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>60

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>61

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>62

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>63

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>64

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>65

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>66

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>67

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>68

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>69

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>70

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>71

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>72

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>73

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>74

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>75

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>76

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>77

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>78

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>79

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>81

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>82

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>83

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>84

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>85

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>87

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>88

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>90

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>91

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>94

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>393

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>394

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>2742

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>2743

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>2744

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>2745

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>2746

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>2747

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>2748

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>2749

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>2750

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>2751

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>2752

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>2753

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>2754

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>2756

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>2757

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>2758

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>2759

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>2764

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>2766

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>2767

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>2769

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>2771

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>2773

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>2780

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>2782

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>2783

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>2789

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>2792

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>2793

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>2799

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>2800

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