

iSS-PC: Identifying Splicing Sites via Physical-Chemical Properties Using Deep Sparse Auto-Encoder

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Online Supporting Information S_1^+ represents the positive dataset containing 2796 true splice donor site sequences.

>1

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>2

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>5

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>45

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>46

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>48

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>51

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>52

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>53

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>58

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>60

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>68

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>74

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>75

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>82

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>83

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>85

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>88

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>93

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>94

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>97

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>103

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>108

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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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>115

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>116

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>117

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>118

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>119

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>121

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>122

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>123

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>124

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>126

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>128

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>139

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>146

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>148

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>157

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>167

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>174

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>176

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>181

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>182

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>183

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>184

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>186

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>187

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>188

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>189

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>190

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>191

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>193

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>214

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>217

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>218

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>224

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>226

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>334

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>336

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>337

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>338

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>339

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>340

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>341

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>342

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>346

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>348

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>373

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>393

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>394

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>396

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>406

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>412

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>2116

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>2117

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>2118

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>2119

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>2120

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>2121

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>2122

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>2123

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>2124

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>2125

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>2126

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>2129

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>2779

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>2780

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>2781

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>2782

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>2783

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>2784

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>2785

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>2786

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>2787

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>2788

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>2793

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>2794

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>2795

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>2796

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Online Supporting Information S₁⁻ represents the negative dataset consisting of 2800 false splice donor site sequences.

>1

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>9

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>14

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>21

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>24

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>25

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>26

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>28

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>29

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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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>52

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>53

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>56

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>57

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>58

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>59

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>61

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>62

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>63

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>64

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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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>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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>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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>91

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>92

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>93

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>186

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>203

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>207

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>208

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>211

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>271

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>275

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>276

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>305

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>308

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>311

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>315

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>316

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>317

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>318

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>319

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>321

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>322

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>329

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>383

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>384

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>386

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>388

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>389

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>391

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>393

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>394

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>395

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>397

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>398

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>2105

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>2106

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>2107

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>2108

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>2655

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>2763

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>2764

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>2768

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>2791

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>2793

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>2794

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>2796

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>2798

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Online Supporting Information S_2^+ represents the positive dataset composed of 2880 true splice acceptor site sequences.

>1

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>12

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>13

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>18

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>19

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>21

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>22

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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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>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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>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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>59

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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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>73

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>76

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>77

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>106

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>107

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>109

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>110

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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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>118

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>121

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>122

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>124

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>126

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>128

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>129

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>131

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>133

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>134

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>136

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>137

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>138

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>139

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>140

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>141

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>142

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>143

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>144

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>145

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>146

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>147

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>148

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>149

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>150

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>151

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>152

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>154

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>155

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>156

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>157

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>162

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>164

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>165

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>166

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>167

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>168

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>169

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>170

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>171

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>172

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>173

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>174

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>175

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>176

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>177

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>178

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>179

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>180

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>181

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>182

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>183

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>184

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>185

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>186

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>187

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>188

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>189

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>192

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>193

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>196

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>197

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>213

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>233

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>236

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>238

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>239

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>242

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>248

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>262

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>263

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>264

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>265

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>266

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>267

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>271

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>276

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>279

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>282

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>283

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>284

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>285

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>286

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>287

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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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>298

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>299

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>301

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>302

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>303

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>304

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>306

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>307

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>308

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>309

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>311

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>312

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>313

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>314

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>316

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>317

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>318

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>326

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>329

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>331

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>332

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>333

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>334

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>336

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>338

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>339

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>341

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>342

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>347

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>348

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>356

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>358

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>361

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>362

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>363

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>364

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>365

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>366

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>367

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>368

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>369

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>371

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>372

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>373

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>374

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>376

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>378

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>379

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>380

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>381

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>382

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>383

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>384

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>385

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>386

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>387

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>388

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>389

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>391

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>392

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>393

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>394

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>395

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>396

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>397

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>398

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>399

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>406

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>408

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>2862

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>2863

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>2864

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>2865

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>2866

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>2867

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>2868

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>2869

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>2871

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>2873

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>2880

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Online Supporting Information S_2^- represents the negative dataset composed of 2800 false splice acceptor site sequences.

>1

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>2

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>9

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>17

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>21

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>25

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>27

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>28

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>32

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>34

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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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>54

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>56

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>57

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>58

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>69

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>77

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>81

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>88

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>90

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>91

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>342

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>344

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>345

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>346

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>347

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>348

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>349

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>351

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>403

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>2304

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>2753

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>2754

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>2755

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>2756

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>2757

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>2758

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>2759

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>2762

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>2764

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>2765

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>2766

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>2767

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>2793

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>2800

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