A

```
                                  111111111111111111111111111111111111
                              1460122222223333333333333333444444444444
                   112233444444666712000123499901112333333466689013334568 8
          1234814124901234501461119380242581047514567870498392056816 57
Spn       TAGCAGATTCAGCGGTTTTACTTCTATAACTTCTTAAAAGGAAACACCGACTTTAGTCTA
1504      AGTATT:CCTGTT:::ACCTACCTCG:::::::::::::::::::::AGACCCTACAC:
1956      AGTATT:CCTGTT:::ACCTACCTCG::::::::::G:::::::::::AGACCCTACAC:
2410      AGTATT:CCTGTT:::ACCTACCTCG:::::::::::::::::C:::::AGACCCTACAC:
578       A:AG::G:C:GTGCAAA::::CCTCGATT:::::CG:GGA:C::AGTTAGACCCTACAC:
3198      A::G::G:C:GTGCAAA::::CCTCGTTT:::::CG:G:A:C:TAG:TAGACCCTACAC:
2859      A:AG::G:C:GTGCAAA::::CCTCGATT:::::CG:G::C:::AGT:AGACCCTACAC:
49455     A:AG:::::::::::::::::CCTCGATTT::::CG:GGAAC::AGTTAGACCCTACAC:
48465     A:AG:::::::::::::::::CCTCGATT:AC::C:::::::::::::AGACCCTACT:C
```

B	1504	3198	48465	Spn	Smi	Sor
578	15.60	0.88	8.35	12.39	18.97	26.09
1504		15.60	15.65	17.81	6.43	19.99
3198			9.35	11.35	18.97	26.09
48465				3.60	20.09	24.75
Spn					22.38	27.21
Smi						13.42

C	Smi	Sor
Spn	17.36	26.95
Smi		12.46

D	Spn	Smi	Sor
48465	0.42	32.66	22.24
Spn		32.19	22.64
Smi			25.19

E	Spn	Smi	Sor
48465	0.73	19.89	19.18
Spn		18.92	18.19
Smi			22.06

F	1504	1956	2410	2859	3198	48465	49455	Spn	Smi	Sor
578	4.77	5.16	5.15	1.80	1.43	5.93	0.71	8.32	7.51	21.32
1504		0.36	0.36	3.64	4.01	4.01	5.54	4.77	7.53	20.75
1956			0.71	4.01	4.39	4.39	5.93	5.16	7.94	21.26
2410				4.01	4.39	4.38	5.92	5.15	7.92	20.69
2859					2.52	4.77	2.16	7.11	7.92	21.32
3198						5.91	2.16	8.29	8.70	22.23
48465							6.73	6.33	10.34	19.74
49455								9.15	7.92	21.32
Spn									10.36	21.71
Smi										20.30