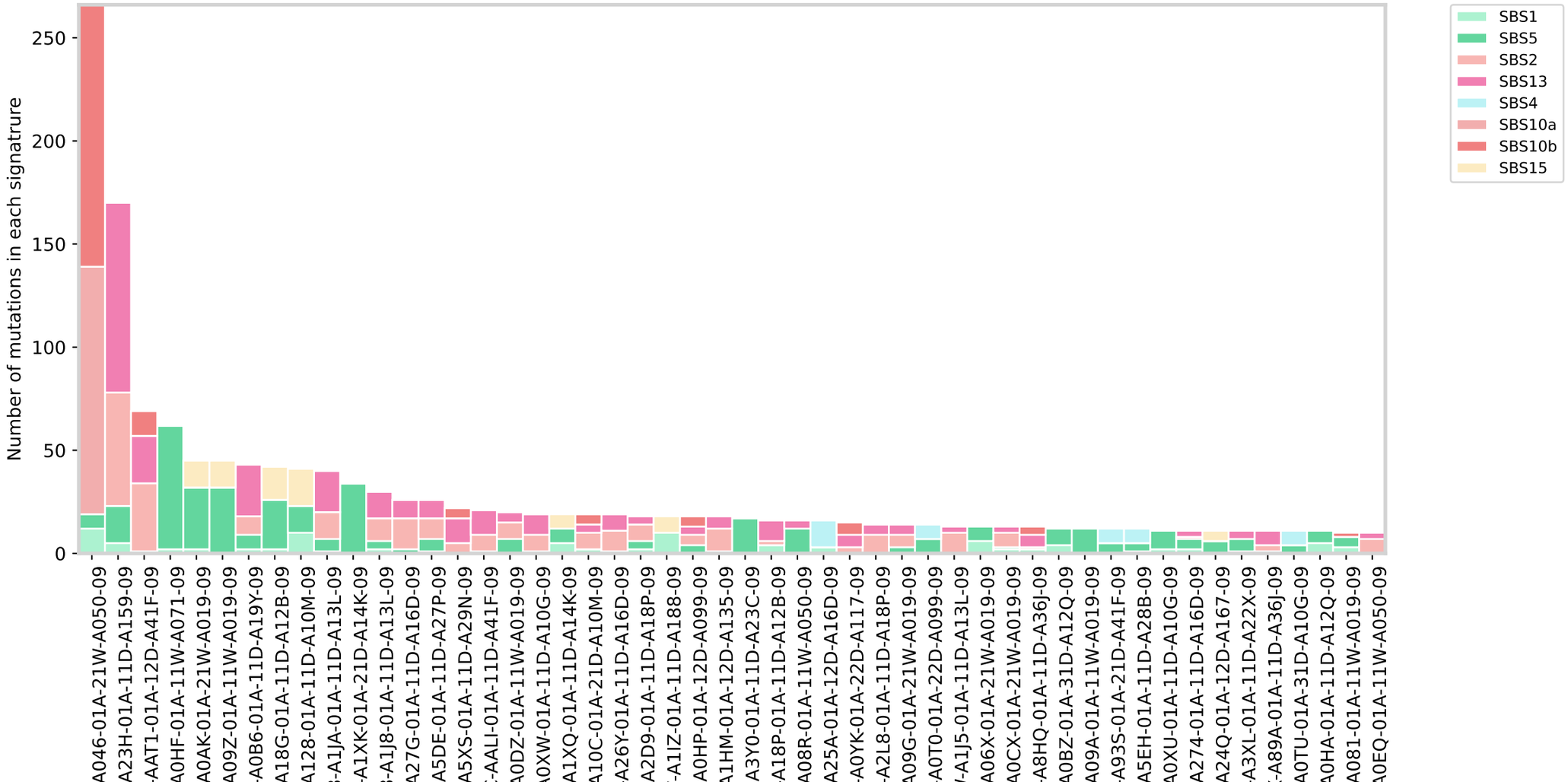
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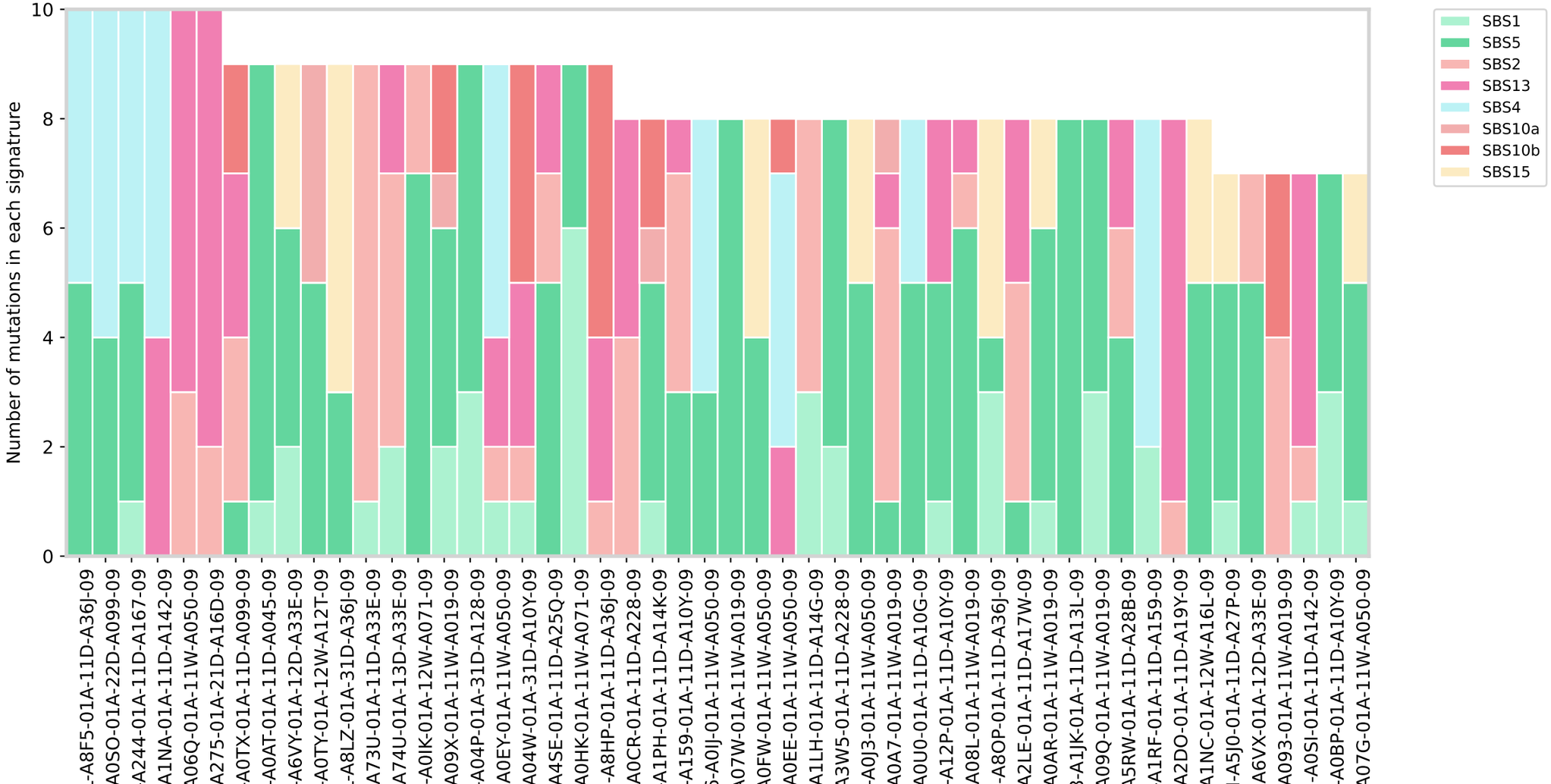
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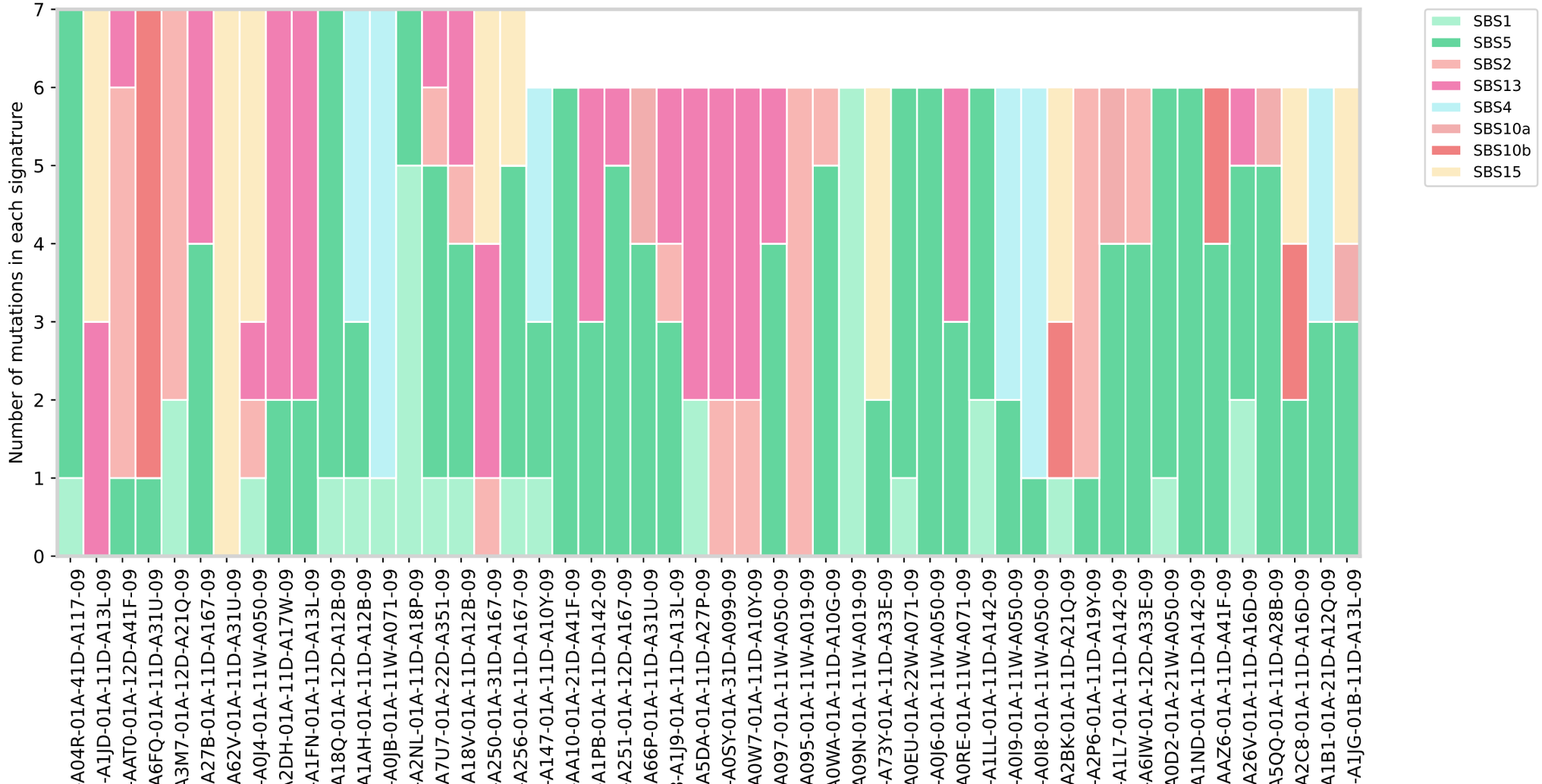
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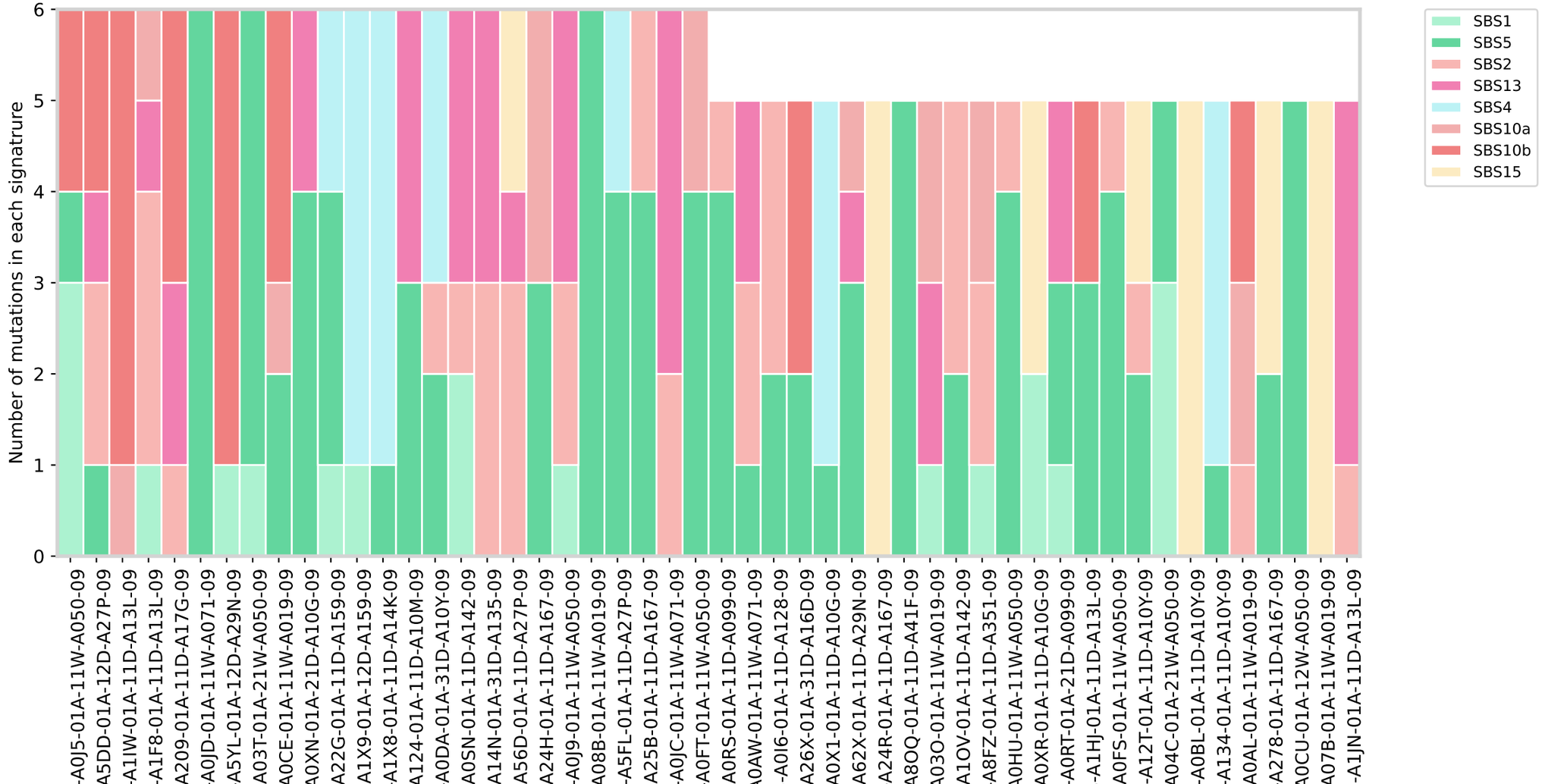
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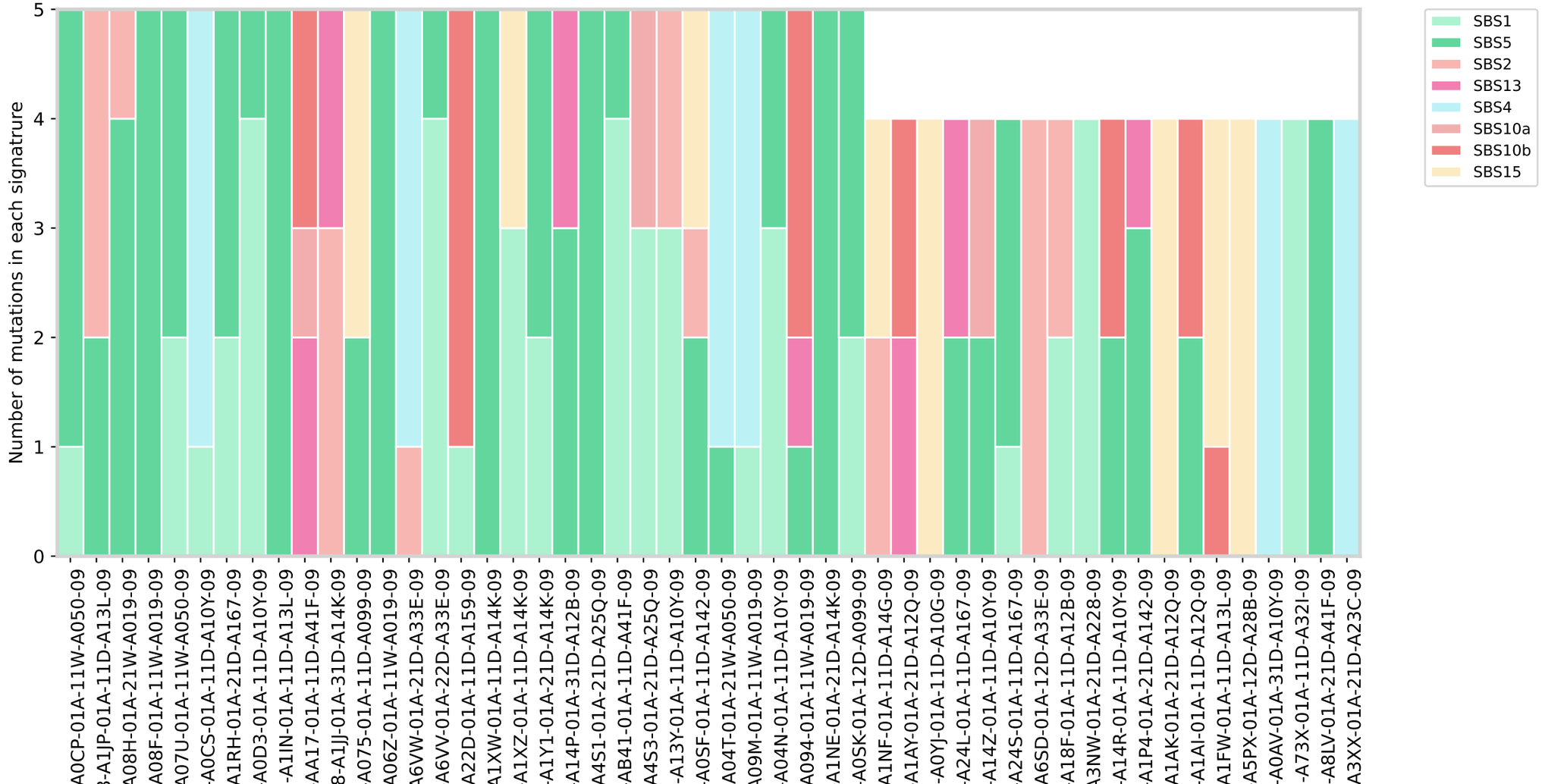
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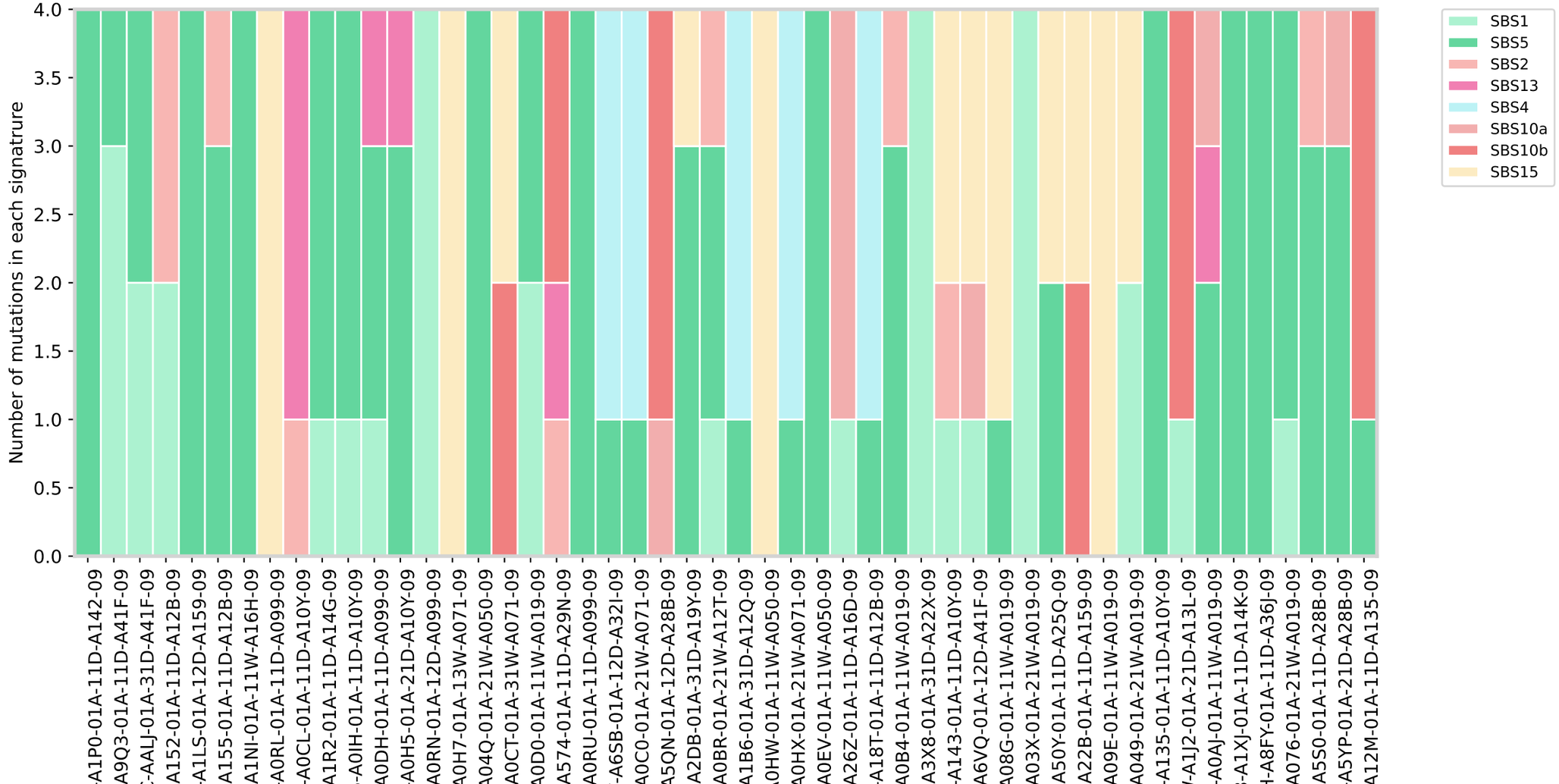
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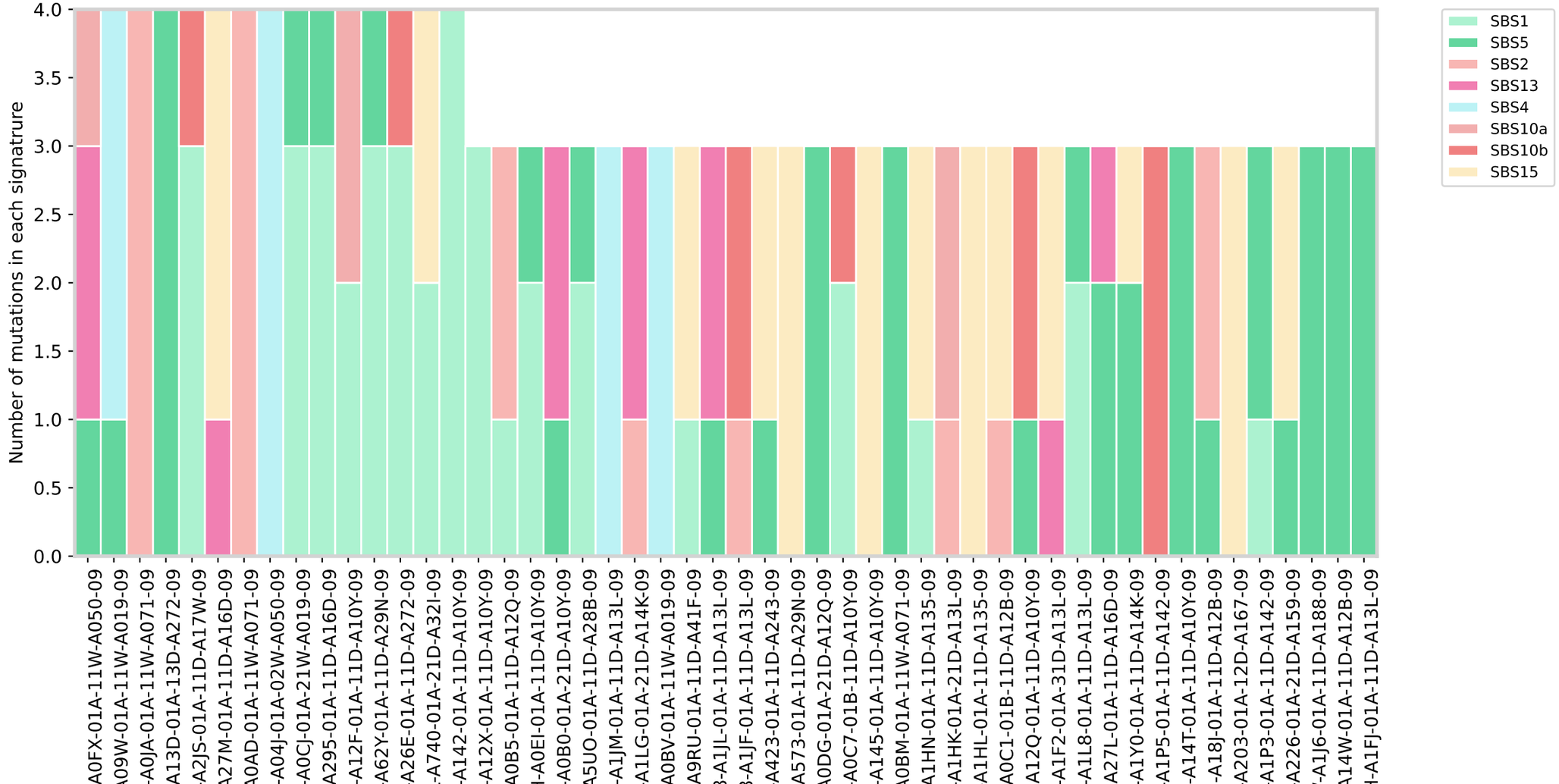
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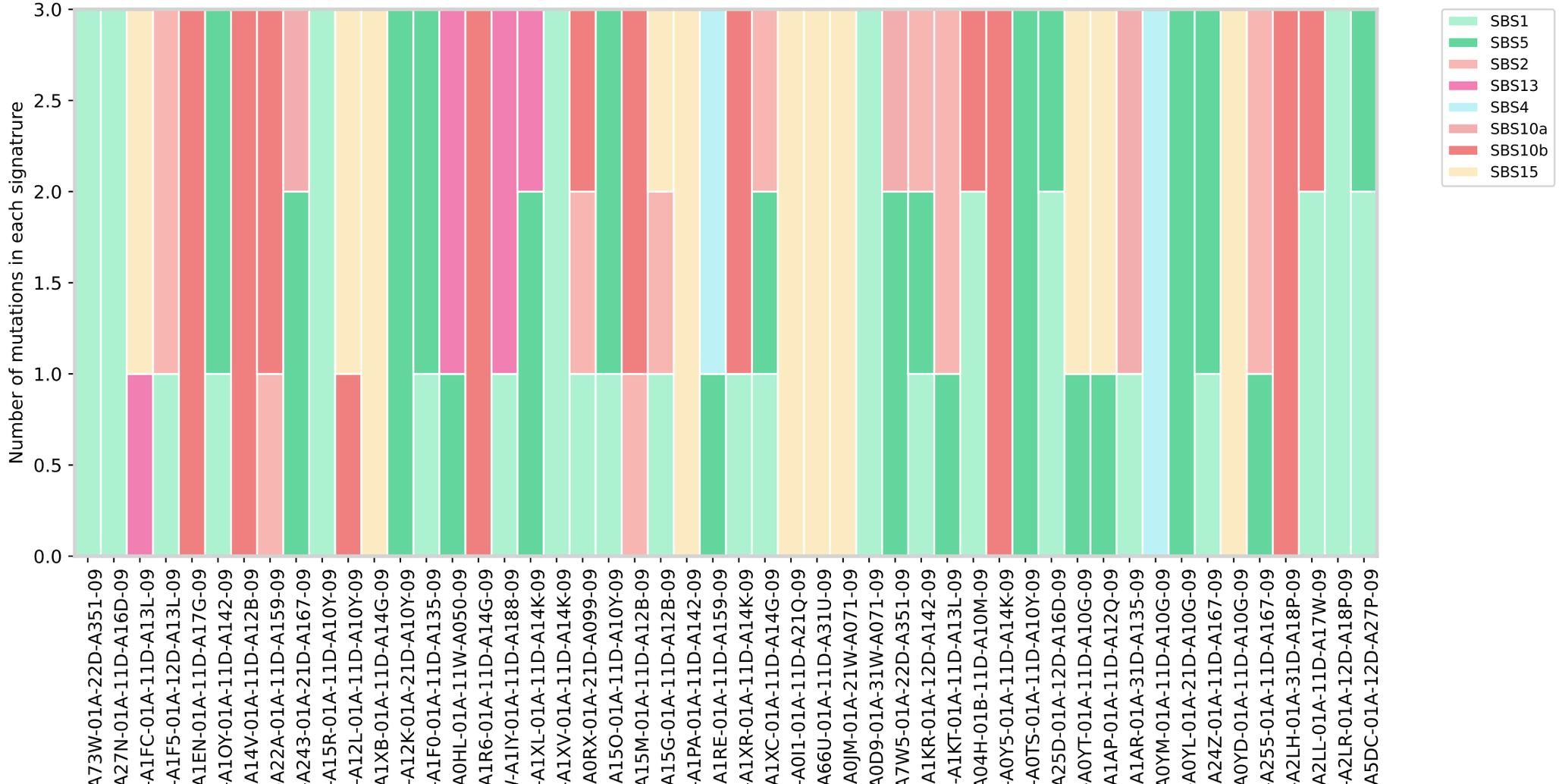
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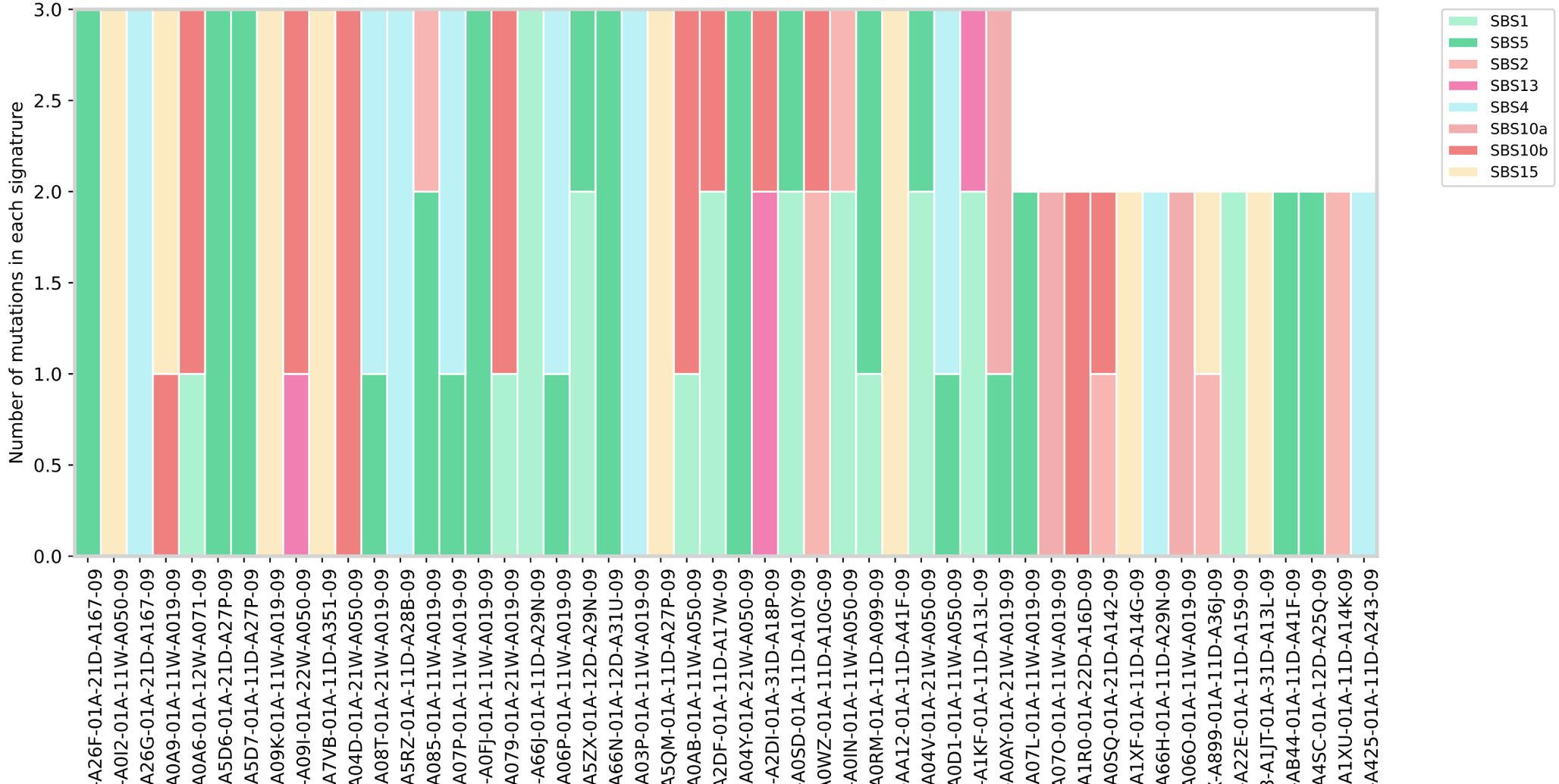
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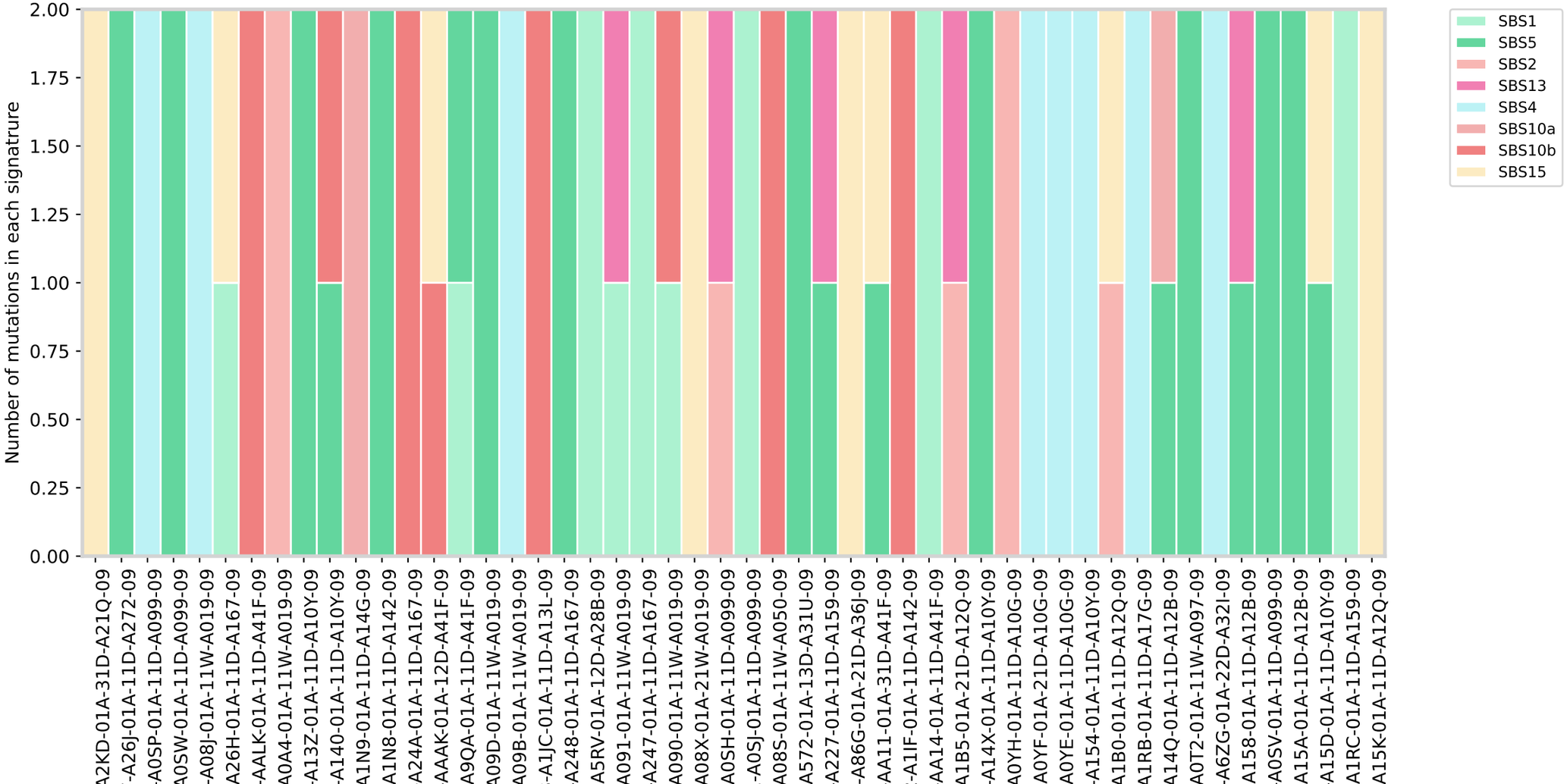
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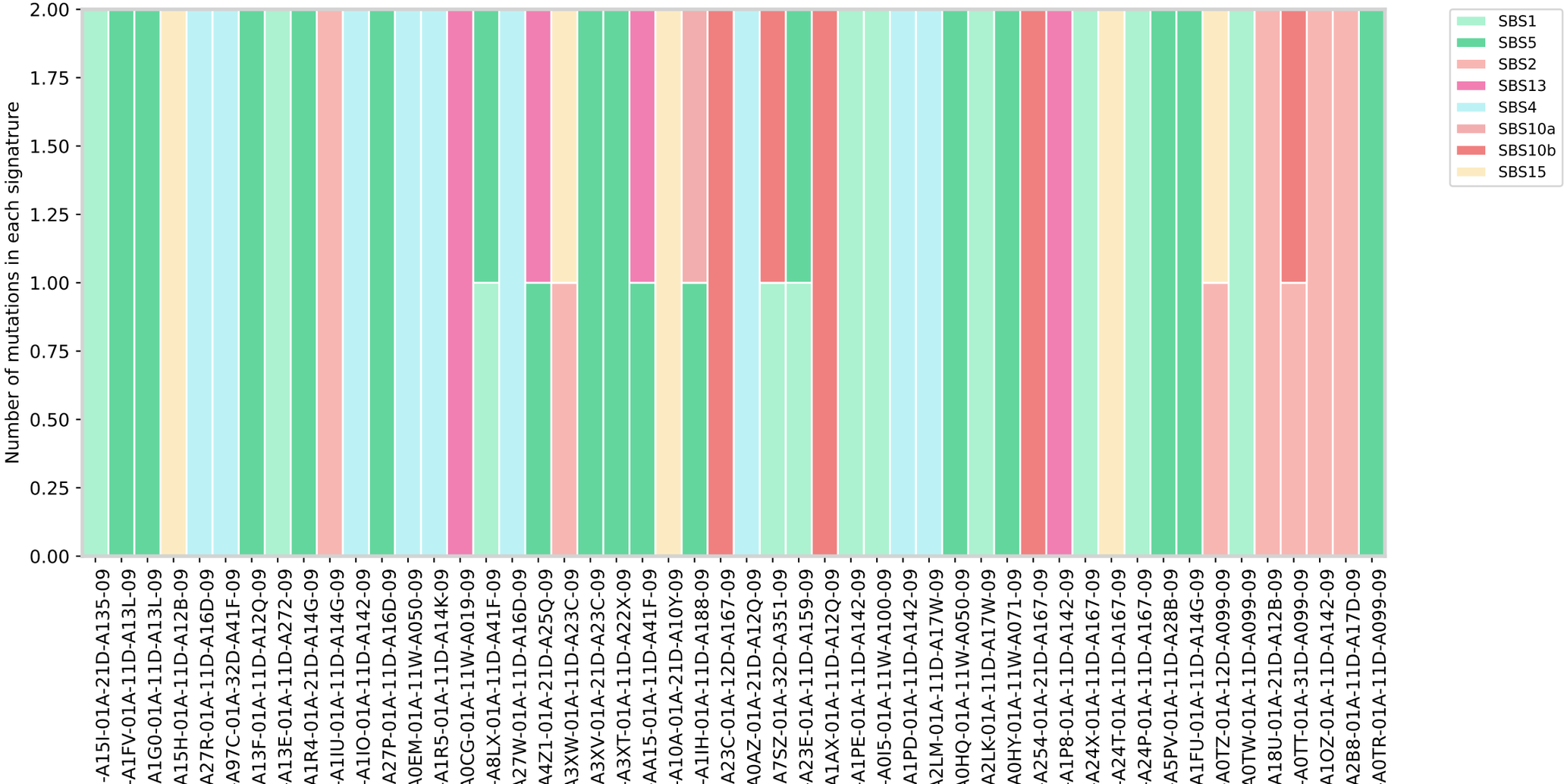
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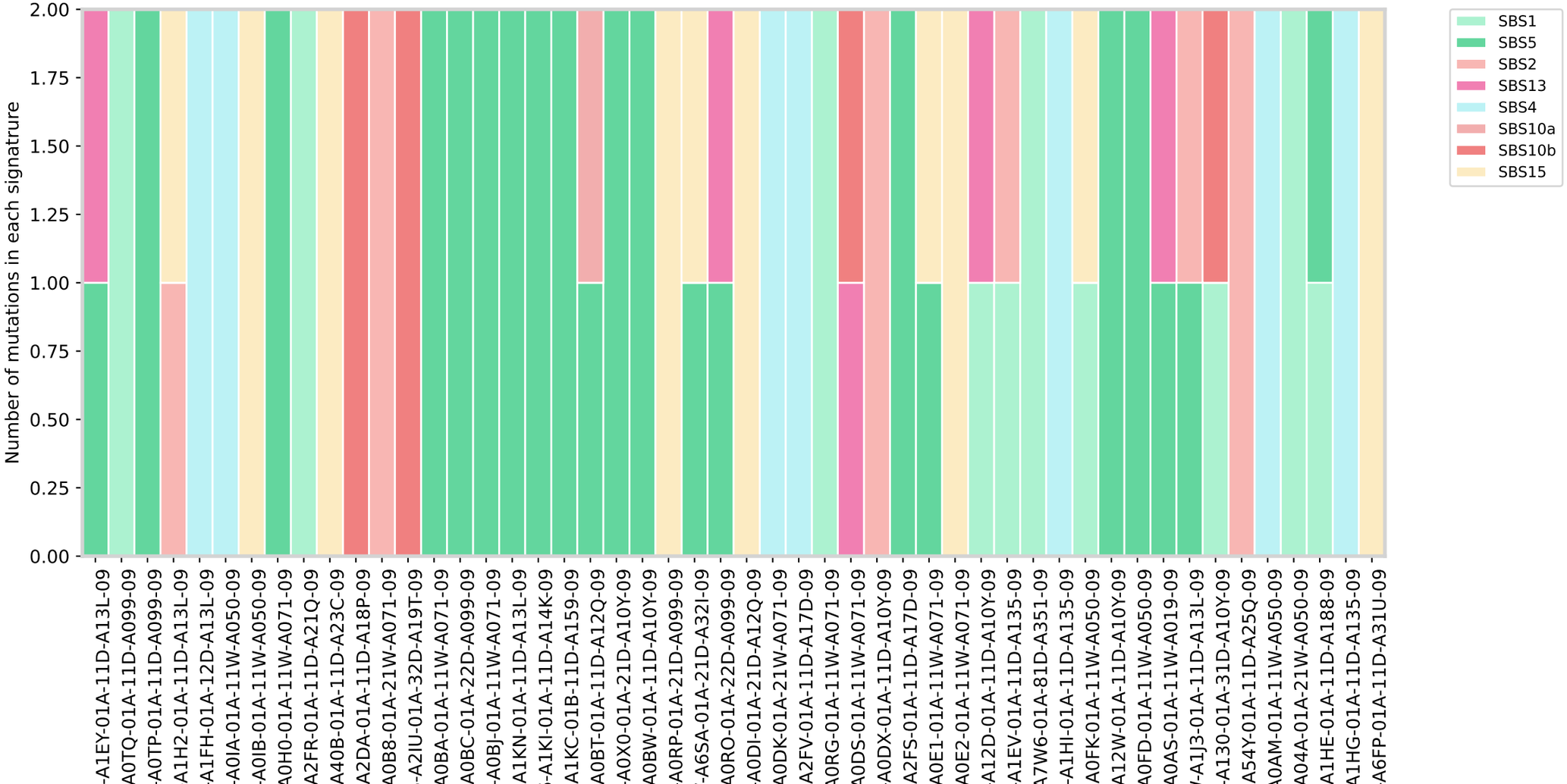
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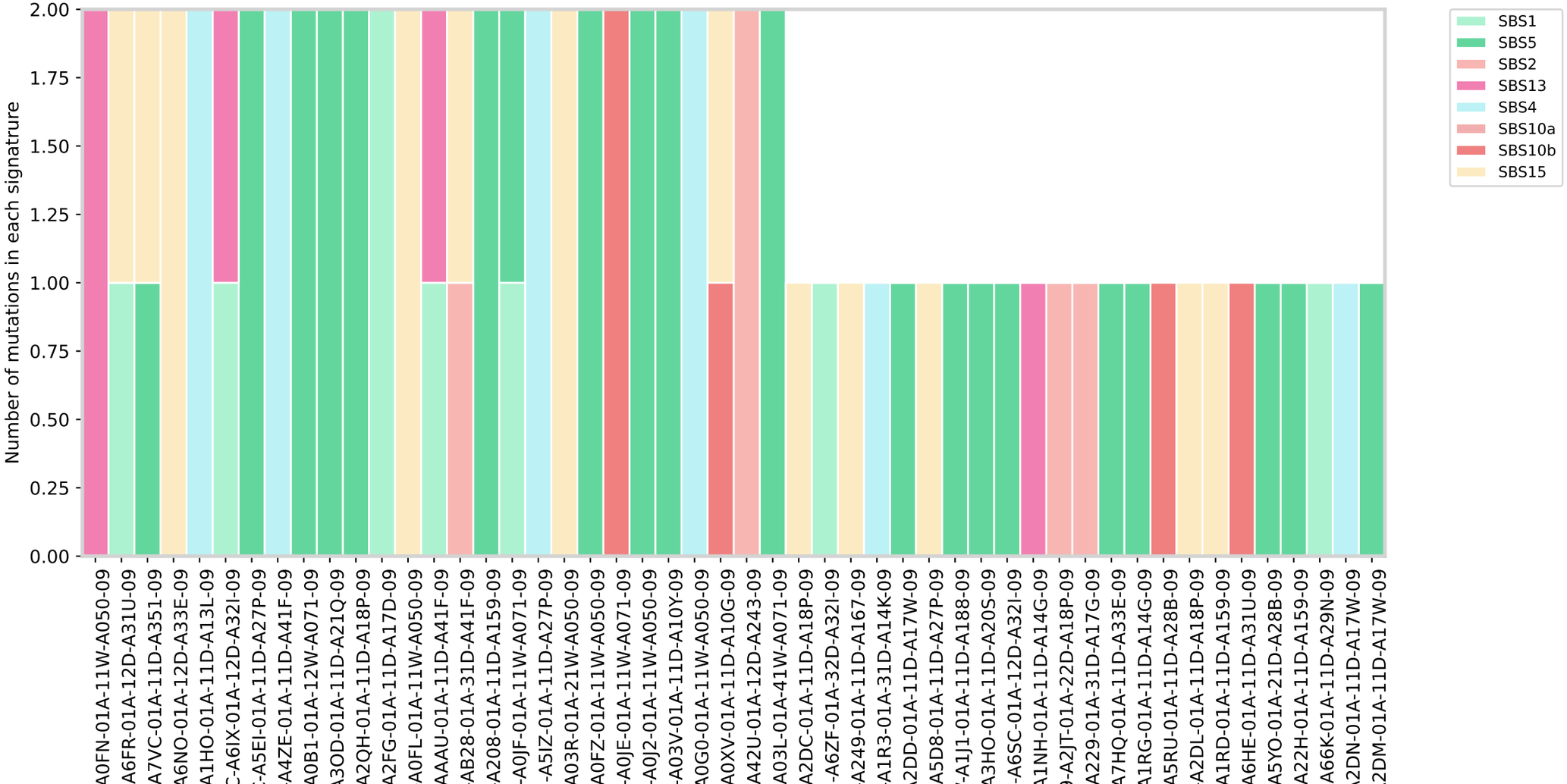
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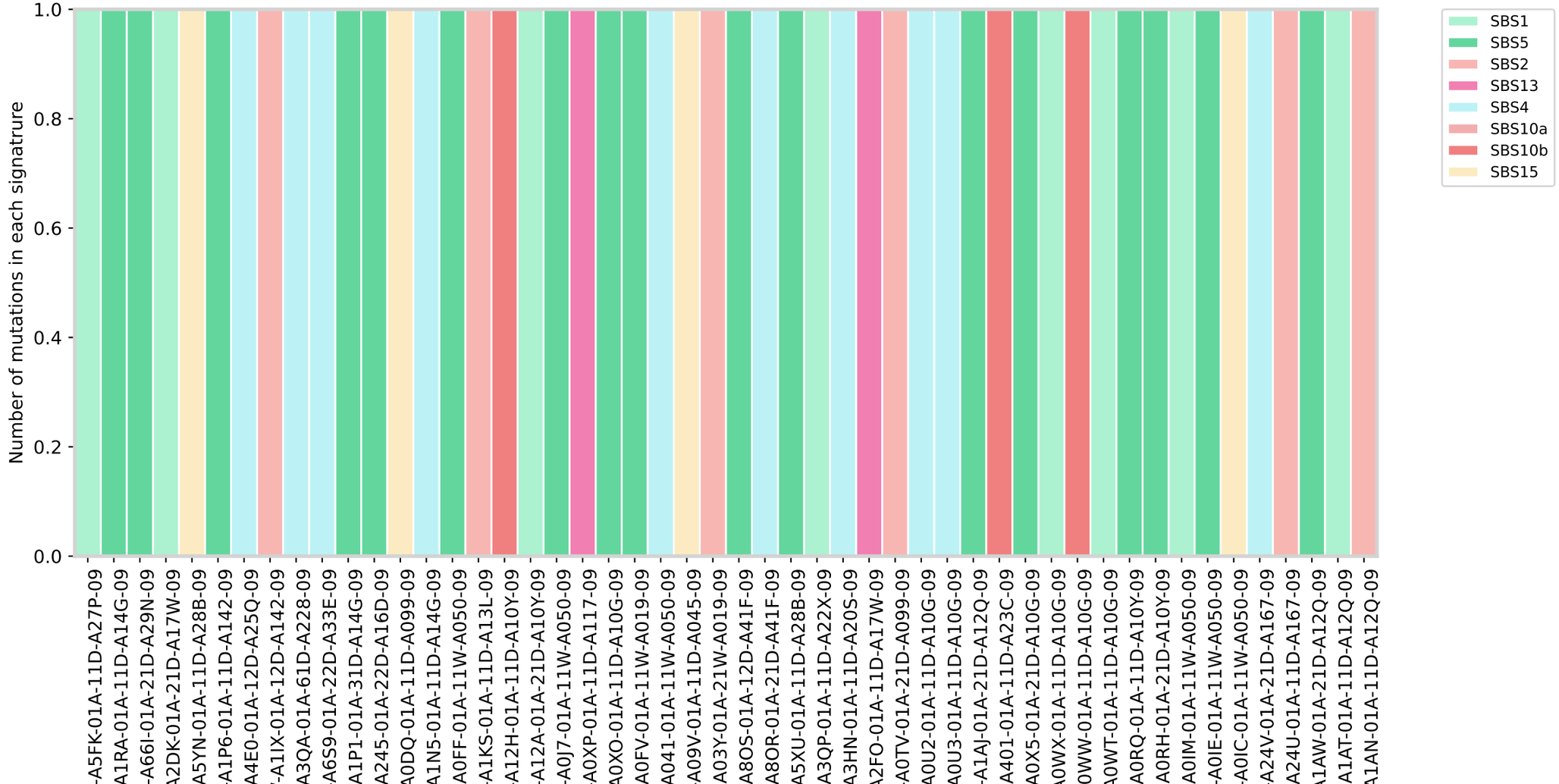
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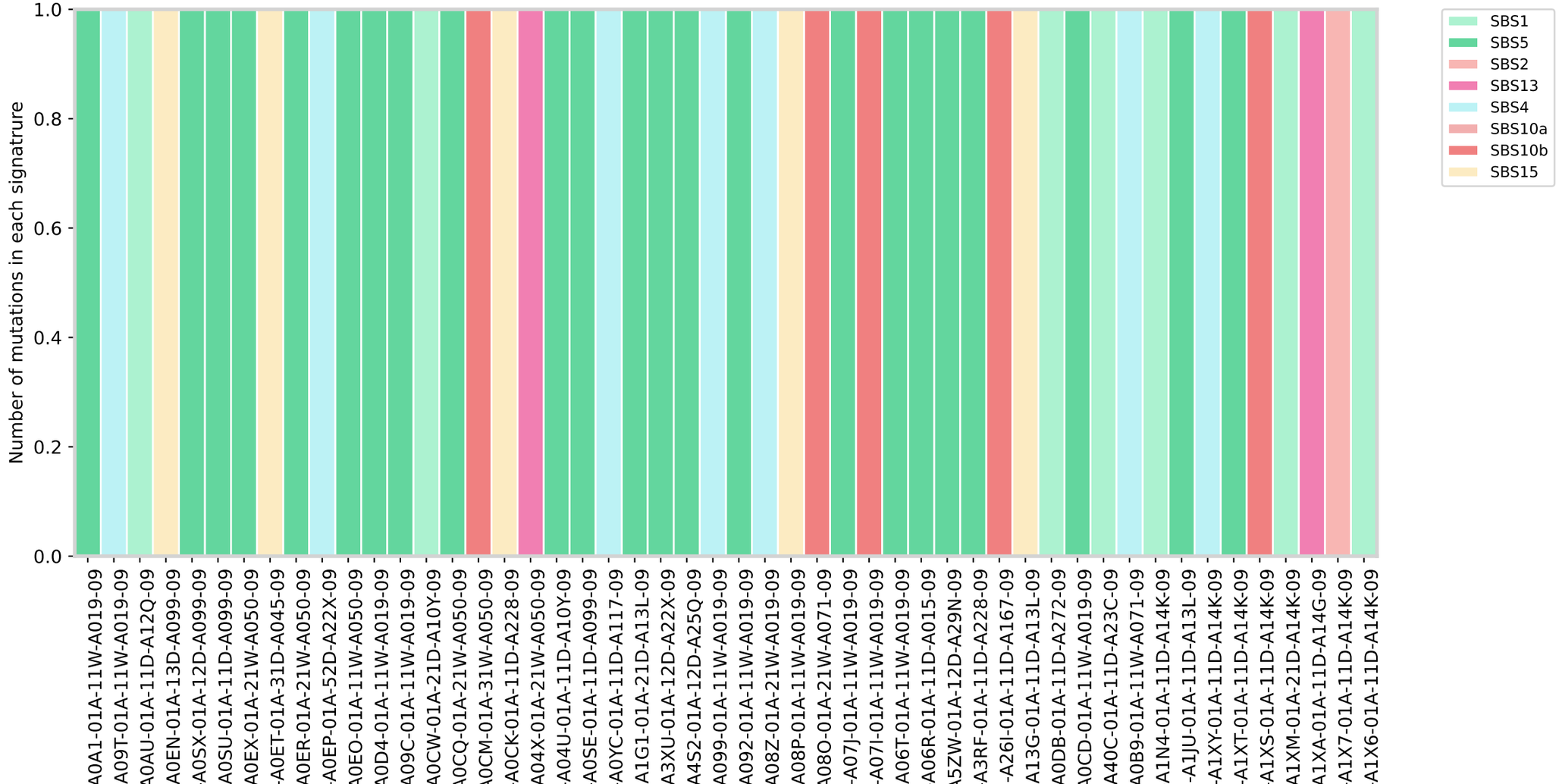
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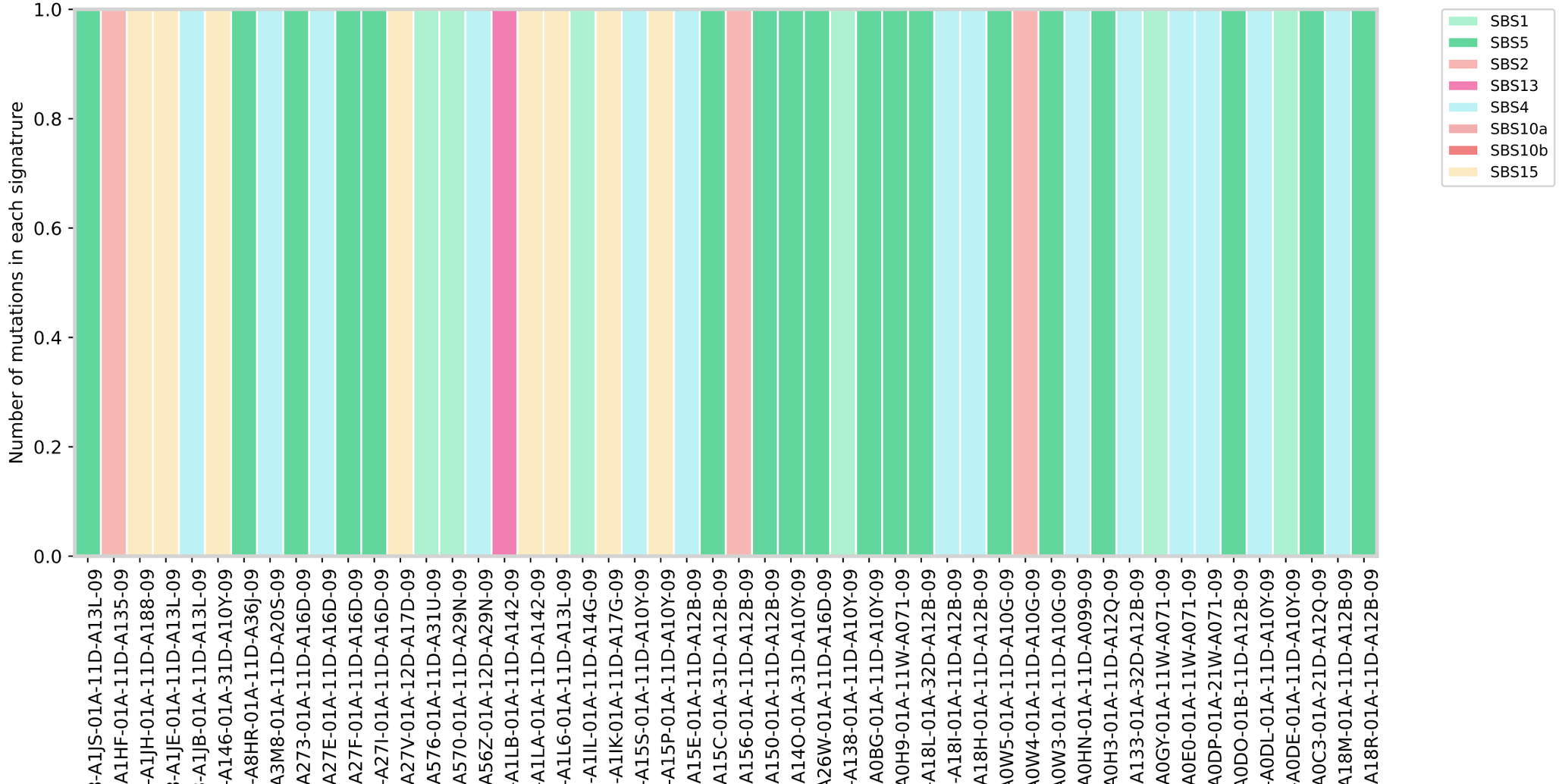
Number of mutations in each signatrure
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-A1JB-01A-11D-A13L-09
-A146-01A-31D-A10Y-09
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-A3M8-01A-11D-A20S-09
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-A27E-01A-11D-A16D-09
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-A1IL-01A-11D-A14G-09
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-A15C-01A-31D-A12B-09
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-A0BG-01A-11D-A10Y-09
-A0H9-01A-11W-A071-09
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-A0DL-01A-11D-A10Y-09
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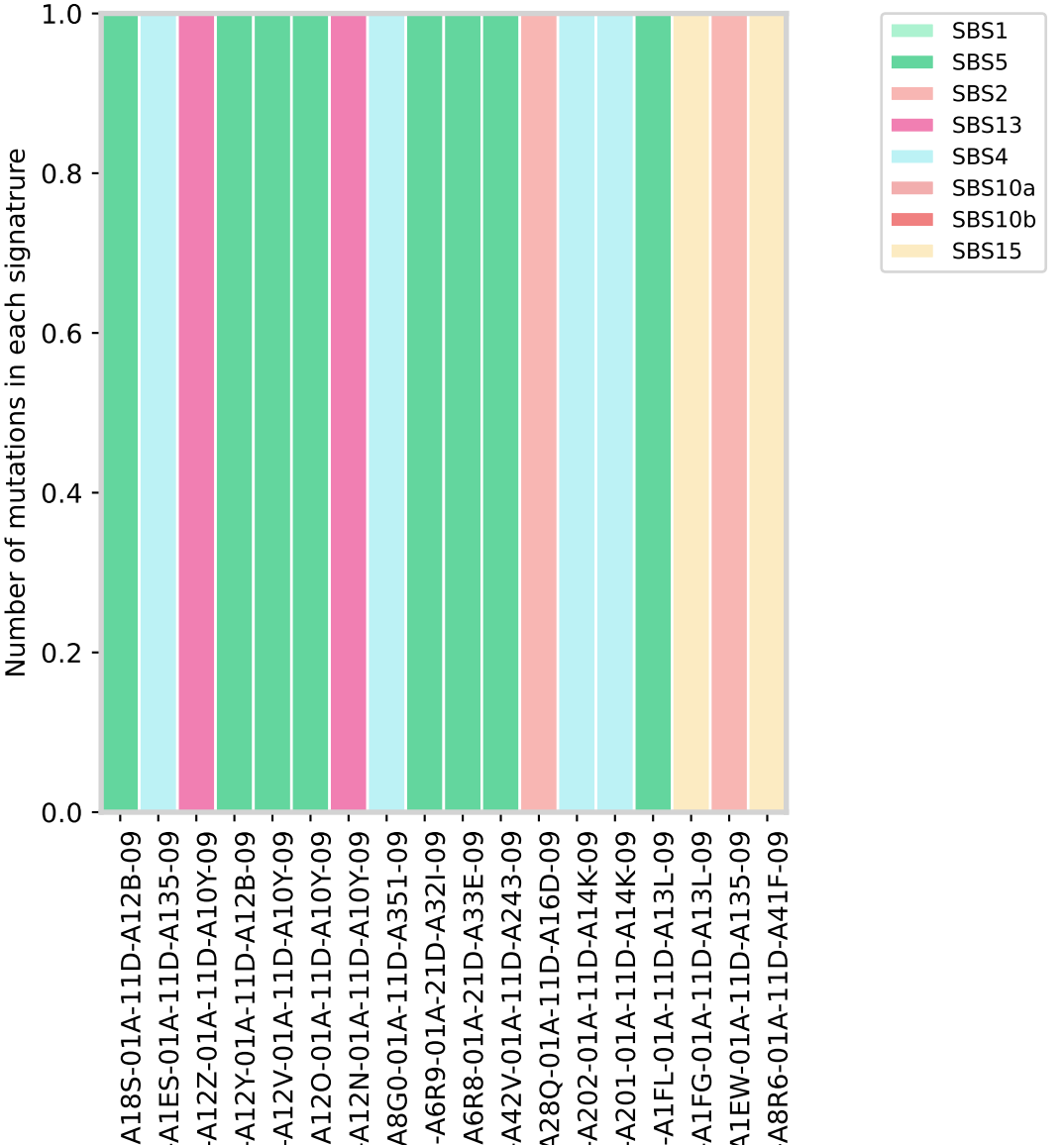
1.0
0.8
0.6
0.4
0.2
0.0
Number of mutations in each signatrure
SBS1
SBS5
SBS2
SBS13
SBS4
SBS10a
SBS10b
SBS15
A18S-01A-11D-A12B-09
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A8G0-01A-11D-A351-09
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A6R8-01A-21D-A33E-09
A42V-01A-11D-A243-09
A28Q-01A-11D-A16D-09
A202-01A-11D-A14K-09
A201-01A-11D-A14K-09
A1FL-01A-11D-A13L-09
A1FG-01A-11D-A13L-09
A1EW-01A-11D-A135-09
A8R6-01A-11D-A41F-09