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Article

Intrinsic properties of tRNA molecules as deciphered via Bayesian Network and distribution divergence analysis.

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0. Supplementary Informations

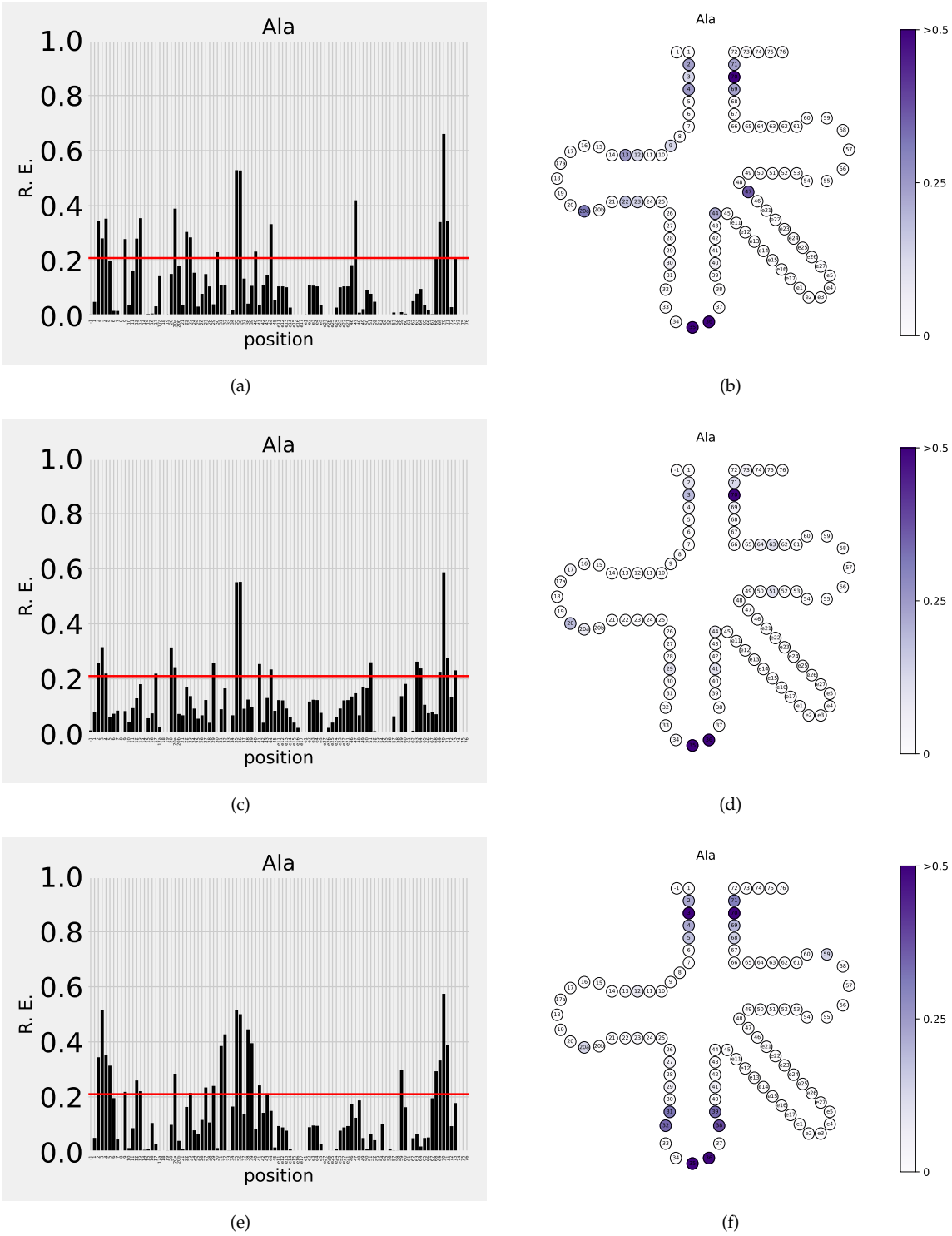

Figure 1. Position "importance" profile forAla tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

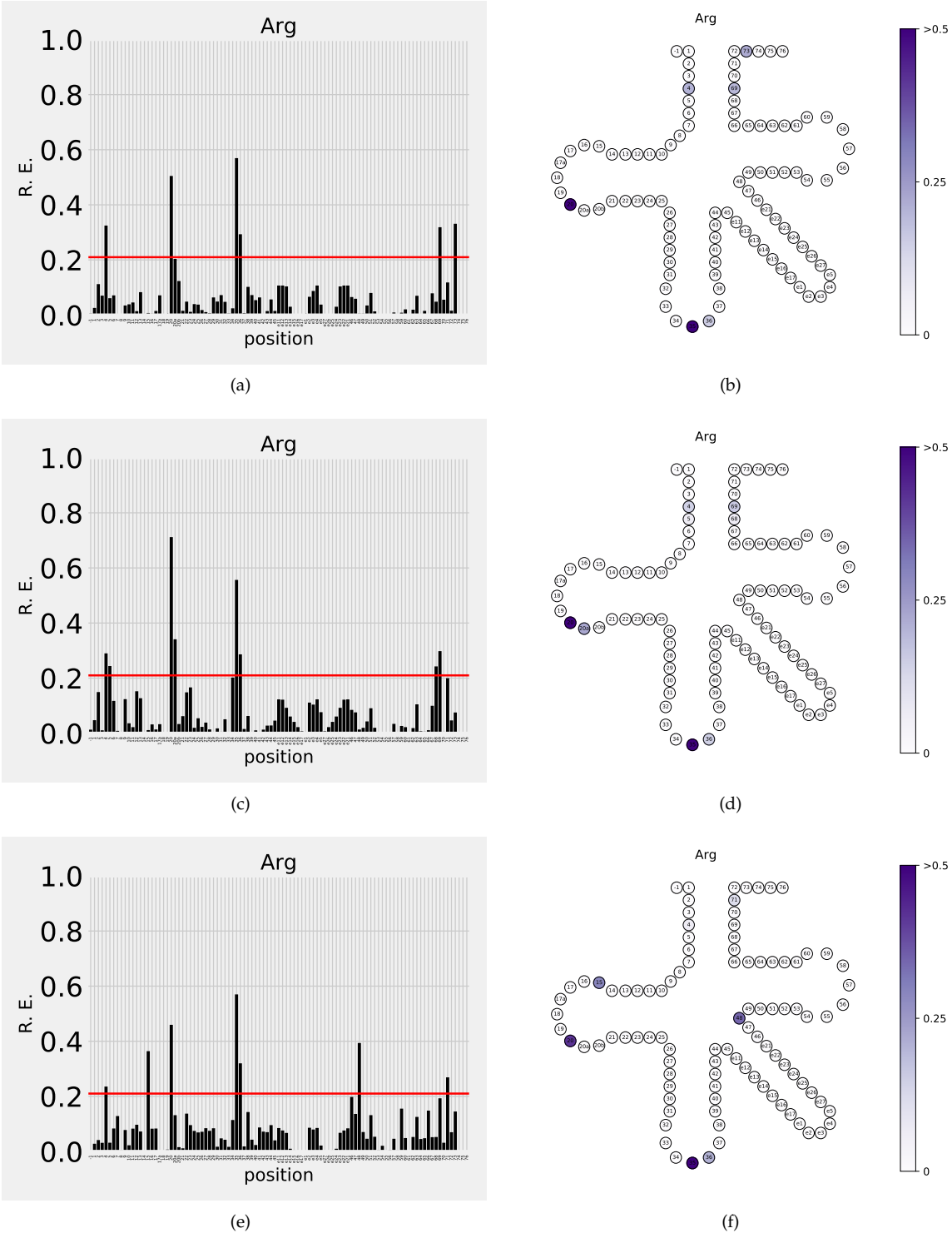

Figure 2. Position "importance" profile forArg tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

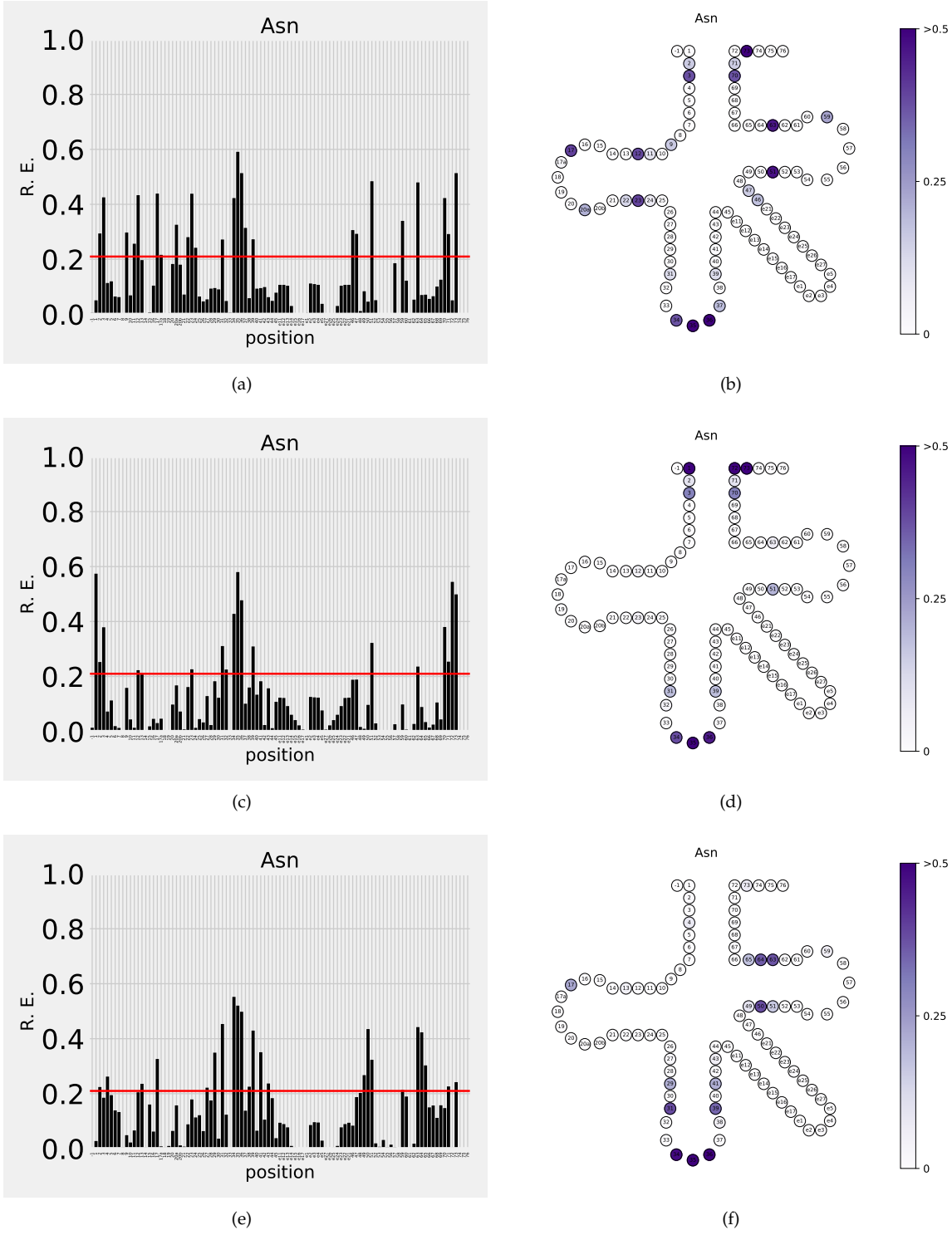

Figure 3. Position "importance" profile forAsn tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

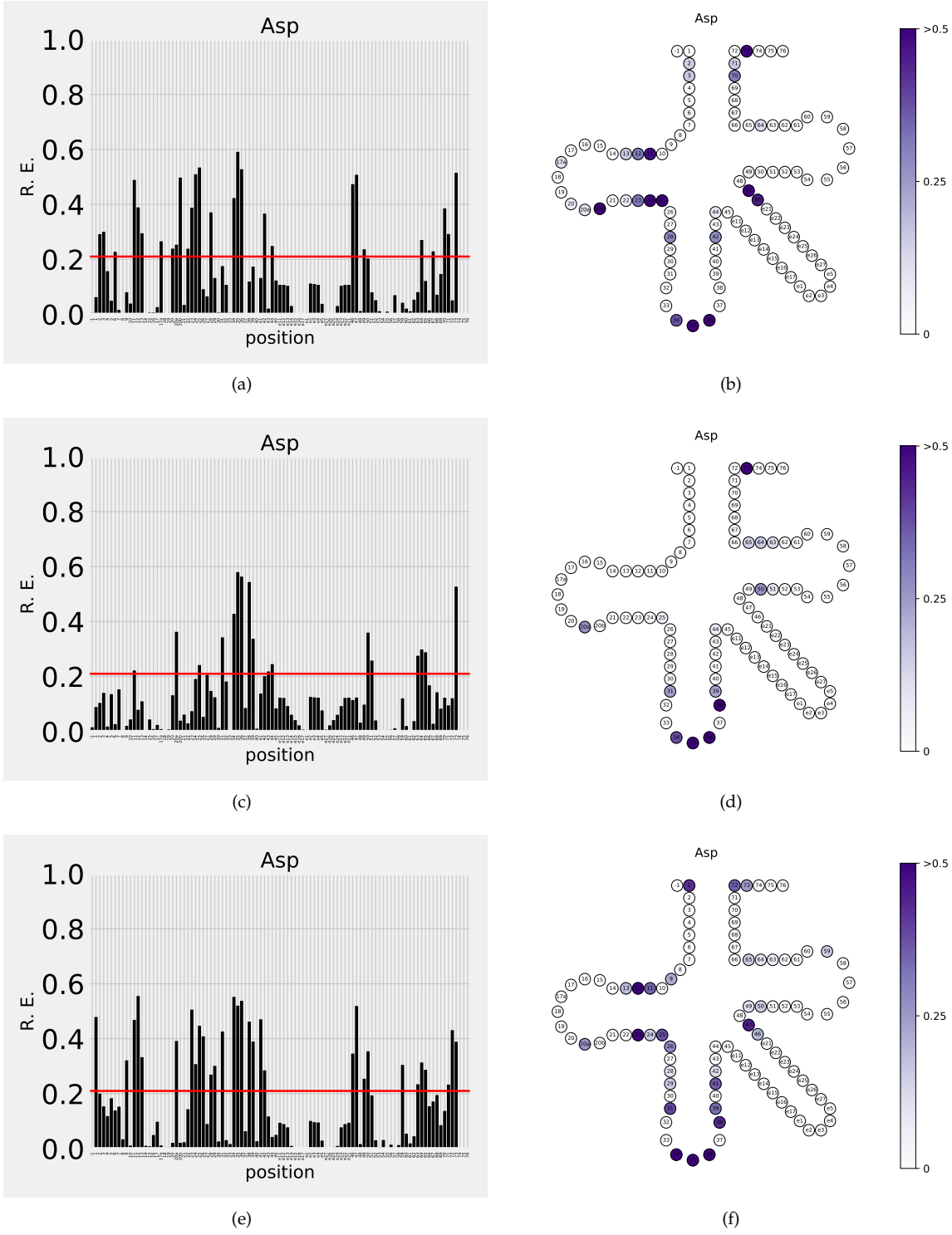

Figure 4. Position "importance" profile forAsp tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

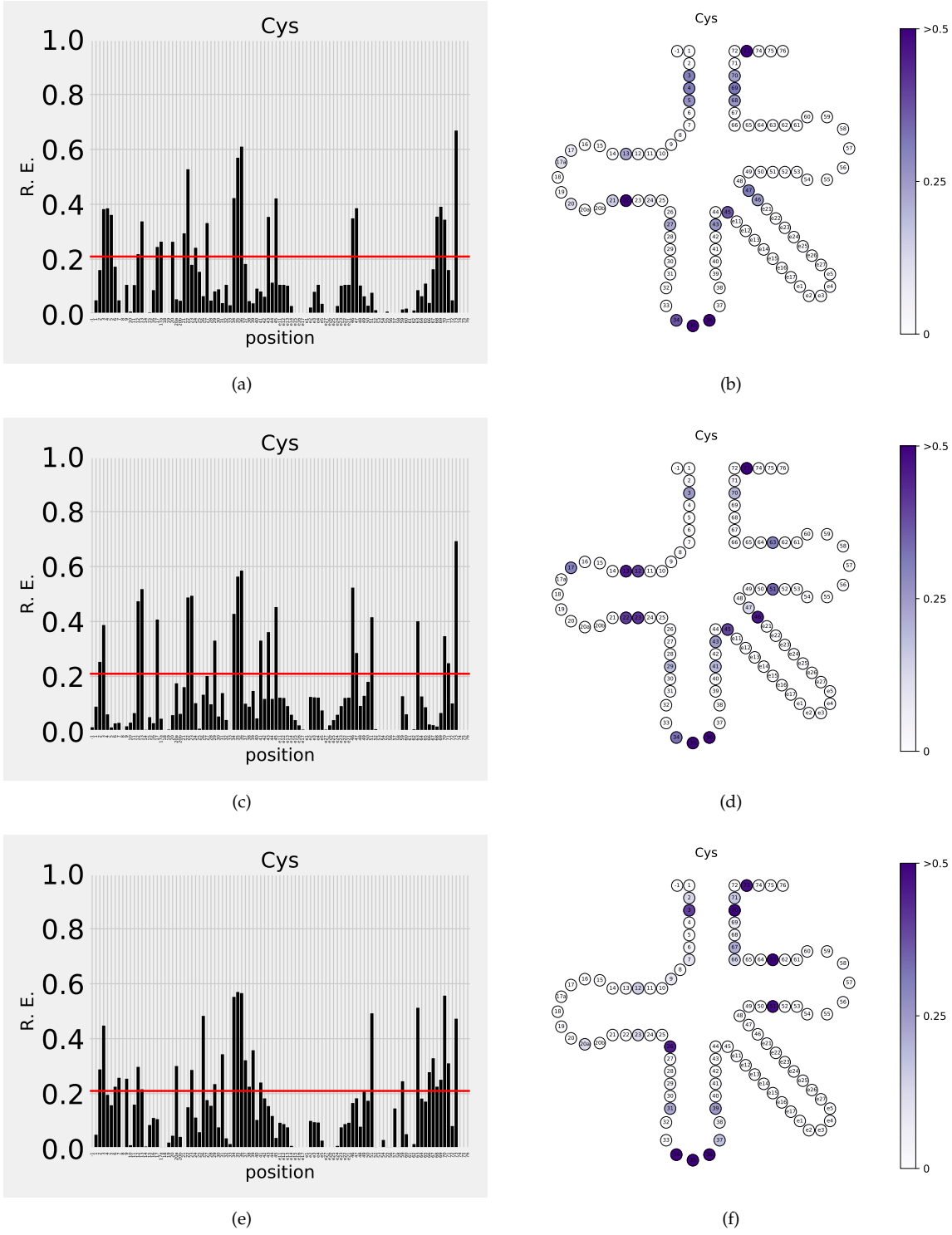

Figure 5. Position "importance" profile forCys tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

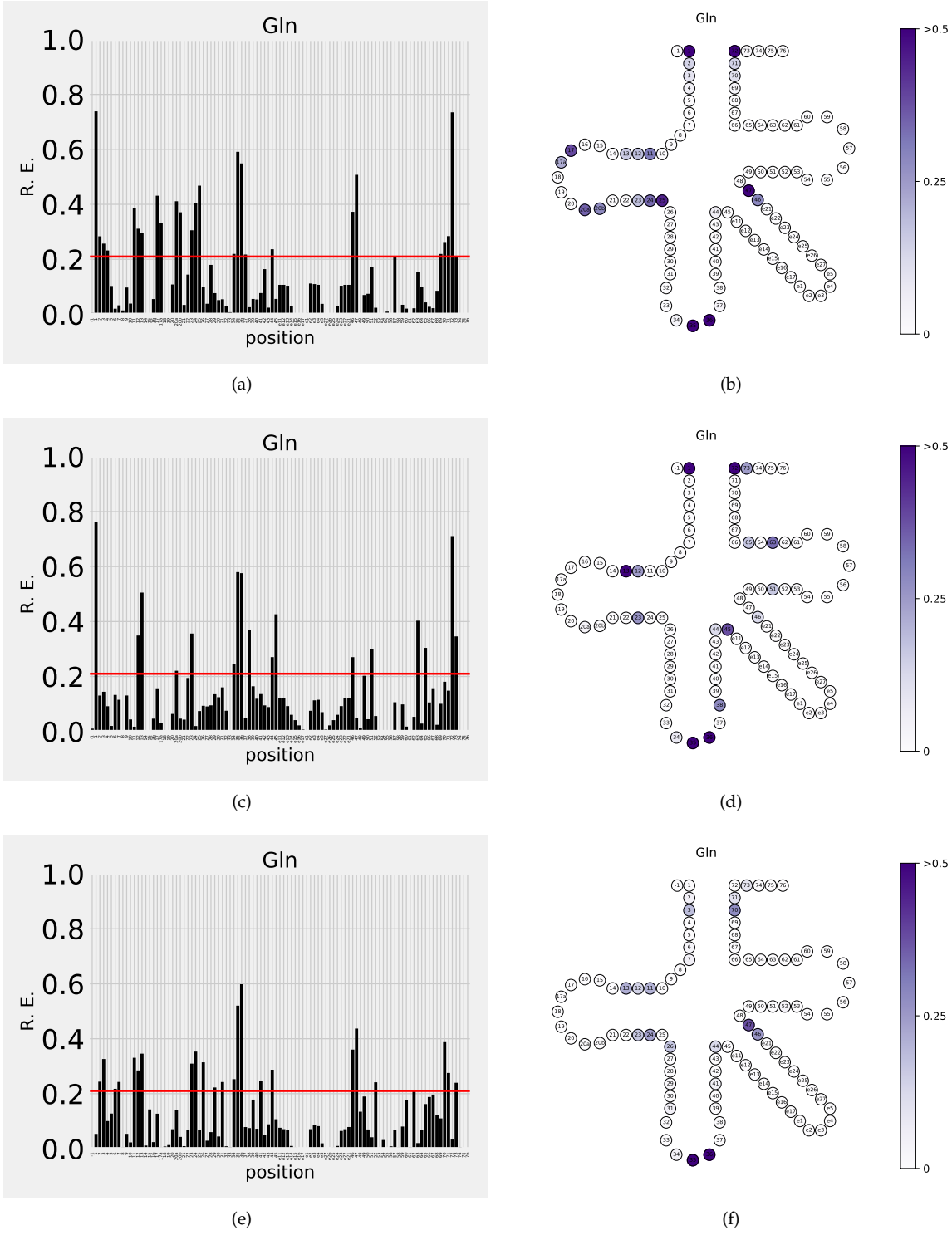

Figure 6. Position "importance" profile forGln tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

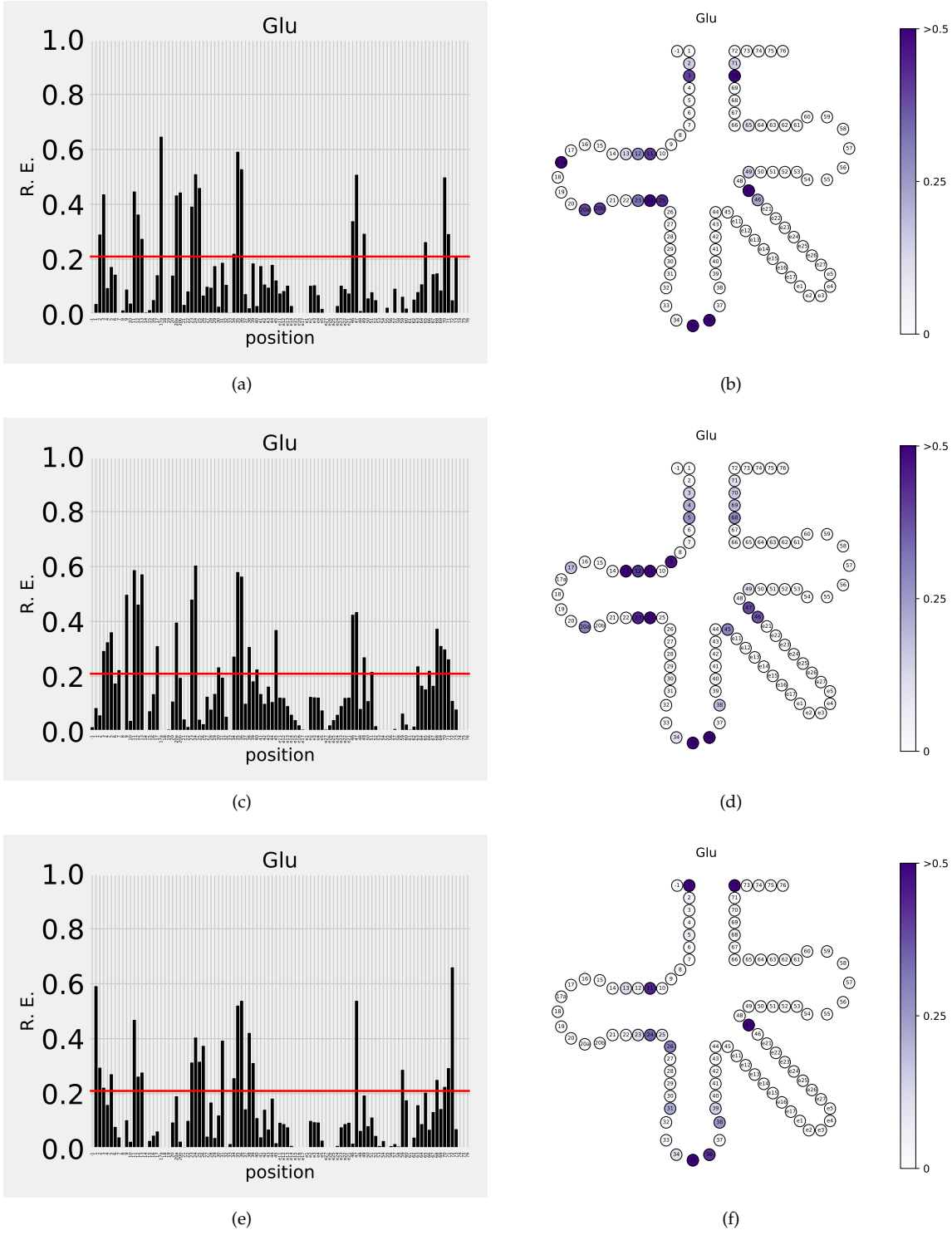

Figure 7. Position "importance" profile forGlu tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

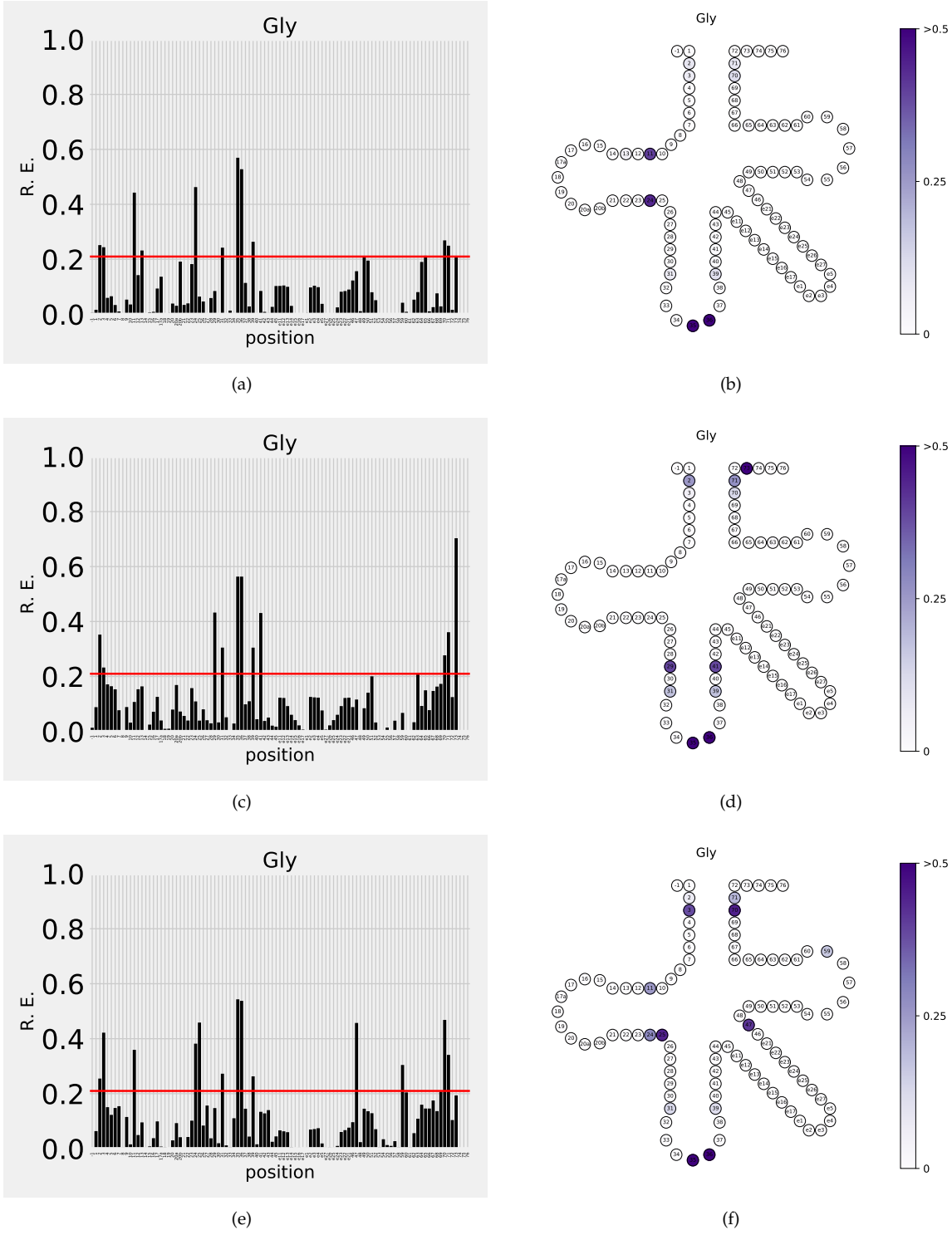

Figure 8. Position "importance" profile forGly tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

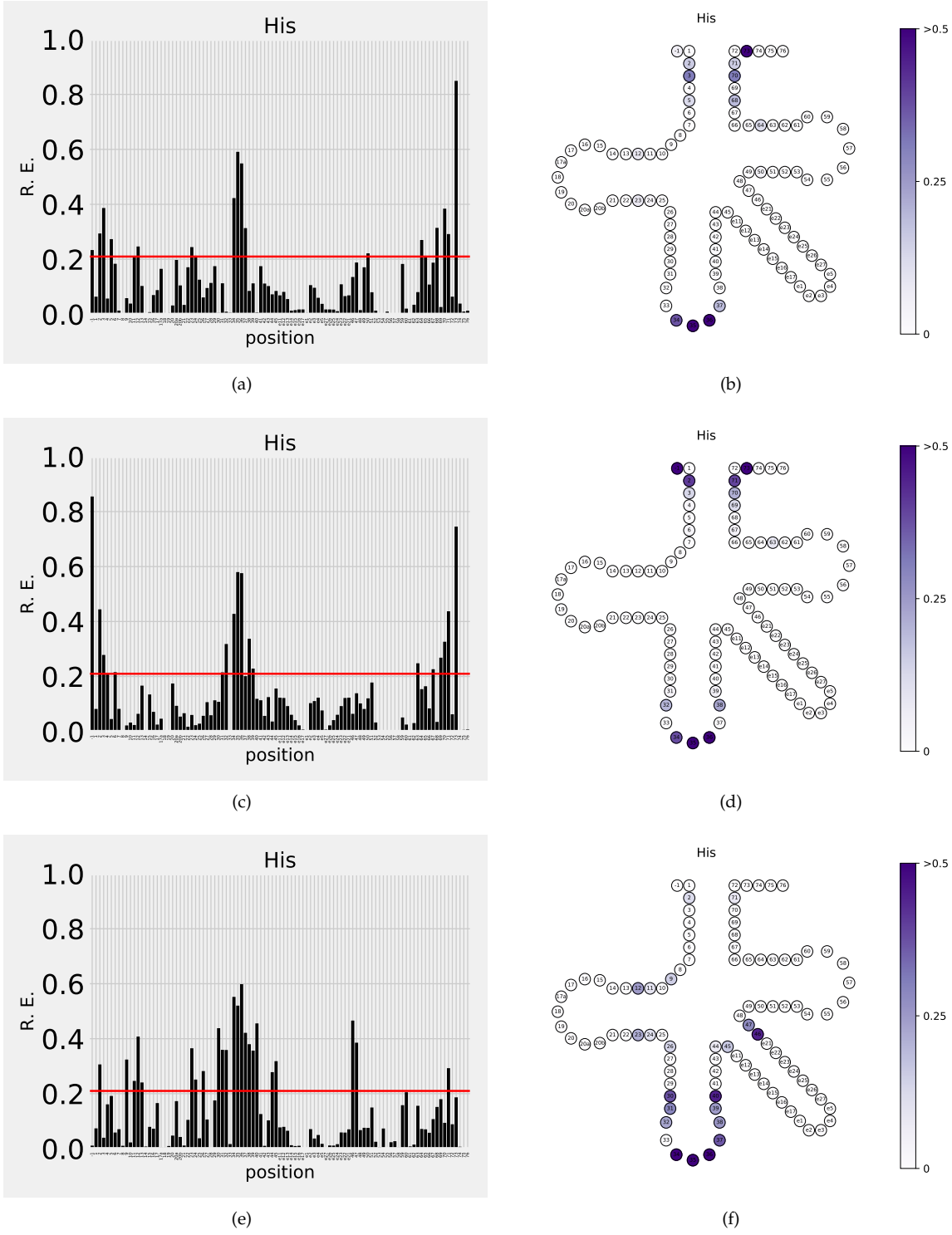

Figure 9. Position "importance" profile forHis tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

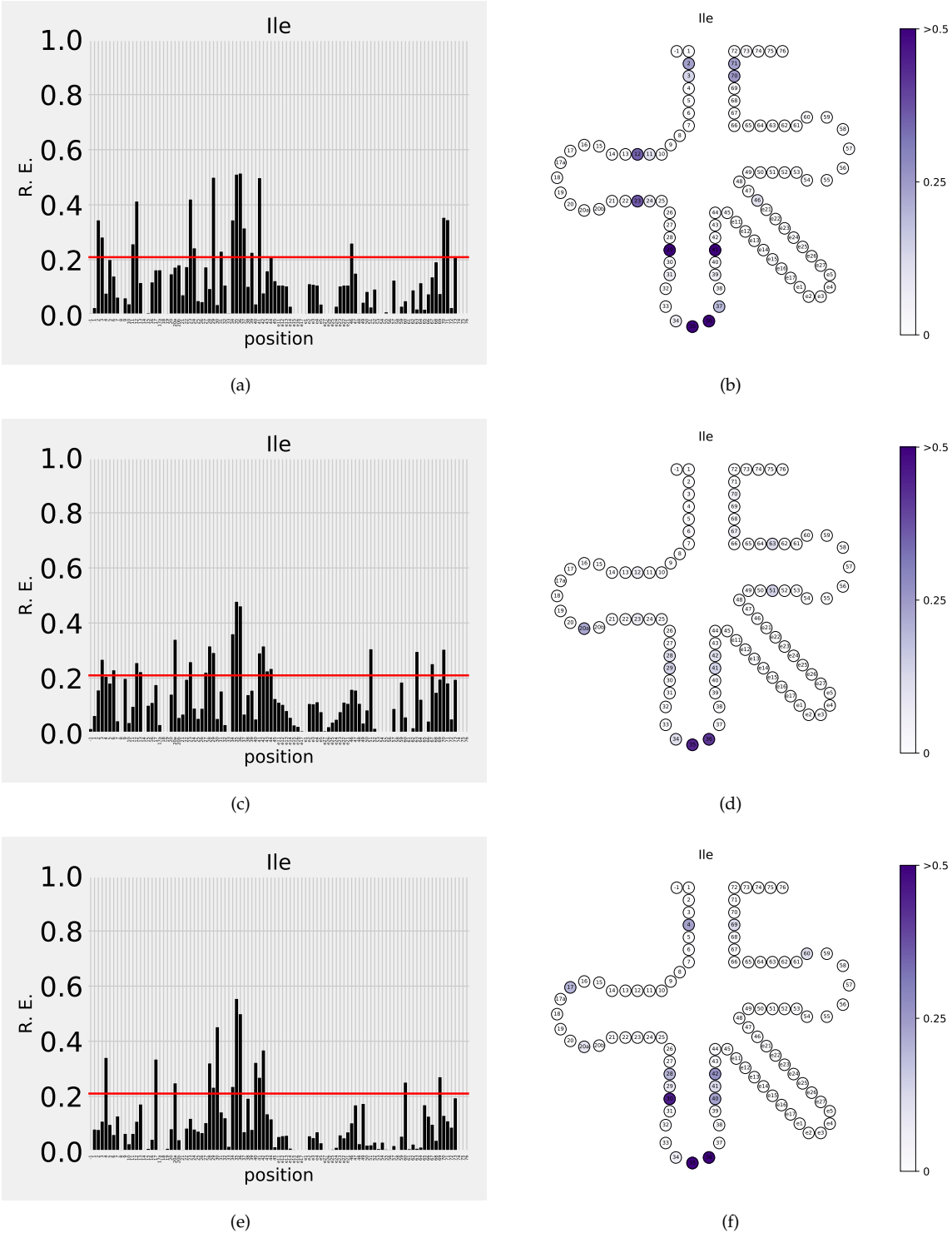

Figure 10. Position "importance" profile forIle tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

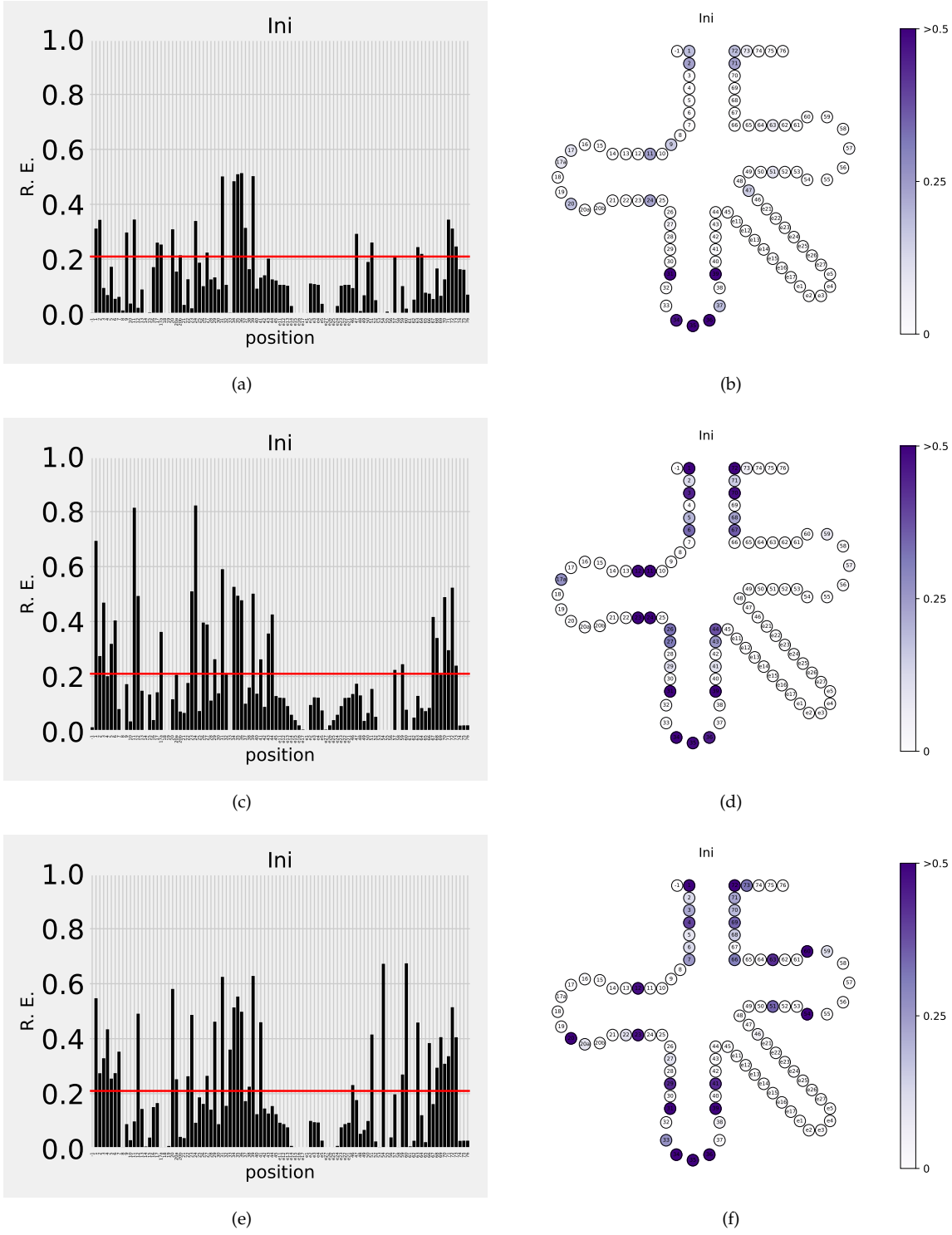

Figure 11. Position "importance" profile forIni tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

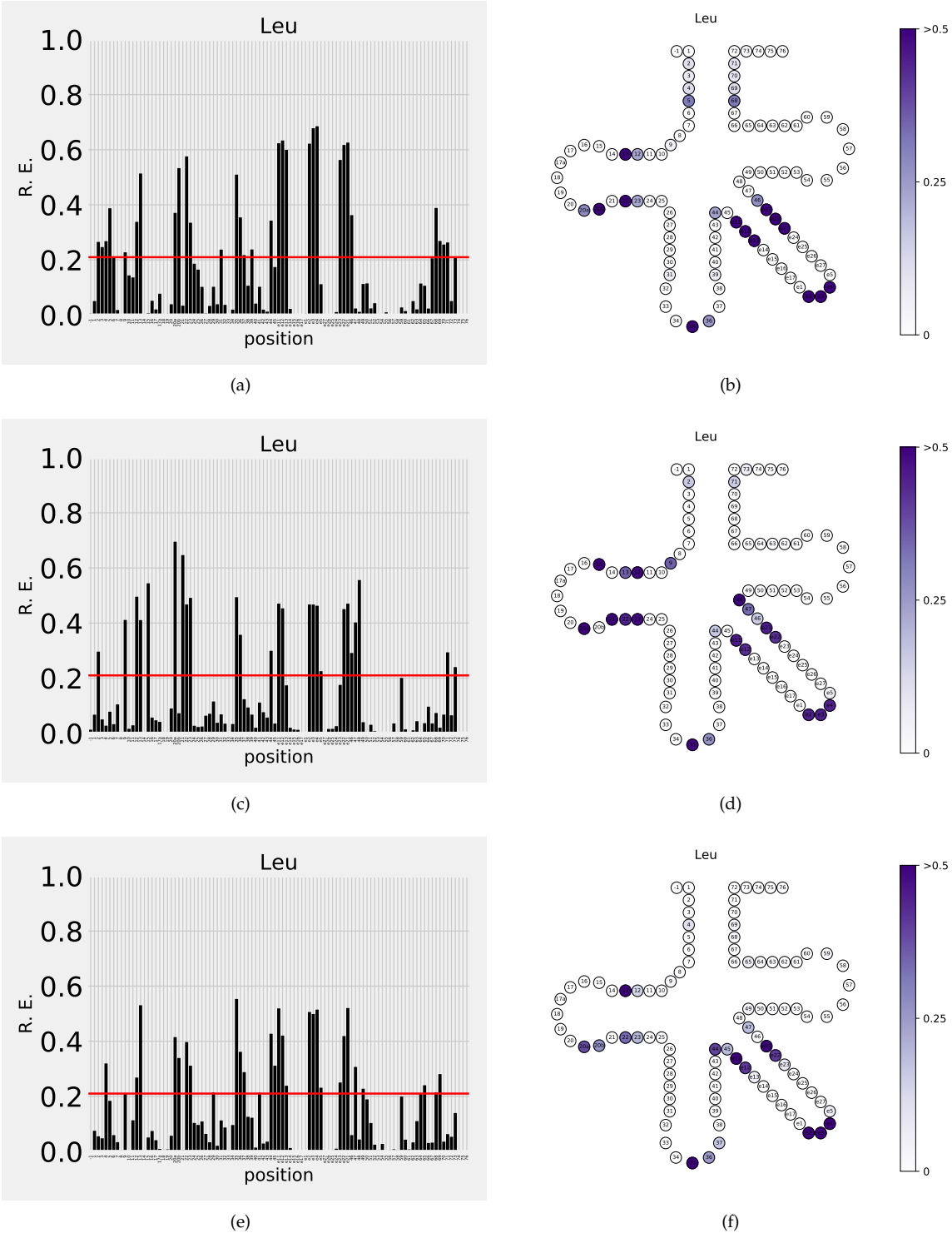

Figure 12. Position "importance" profile forLeu tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

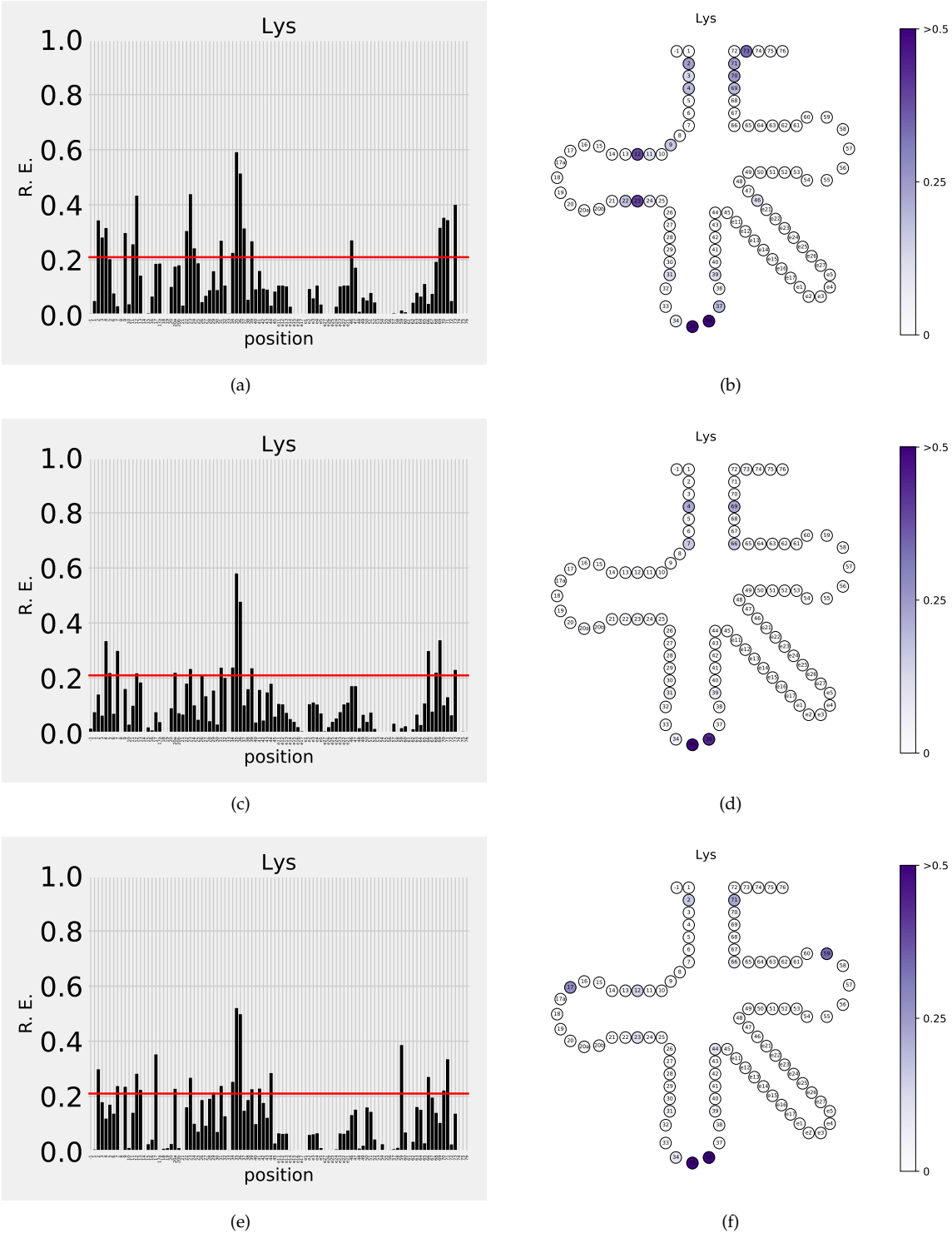

Figure 13. Position "importance" profile forLys tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

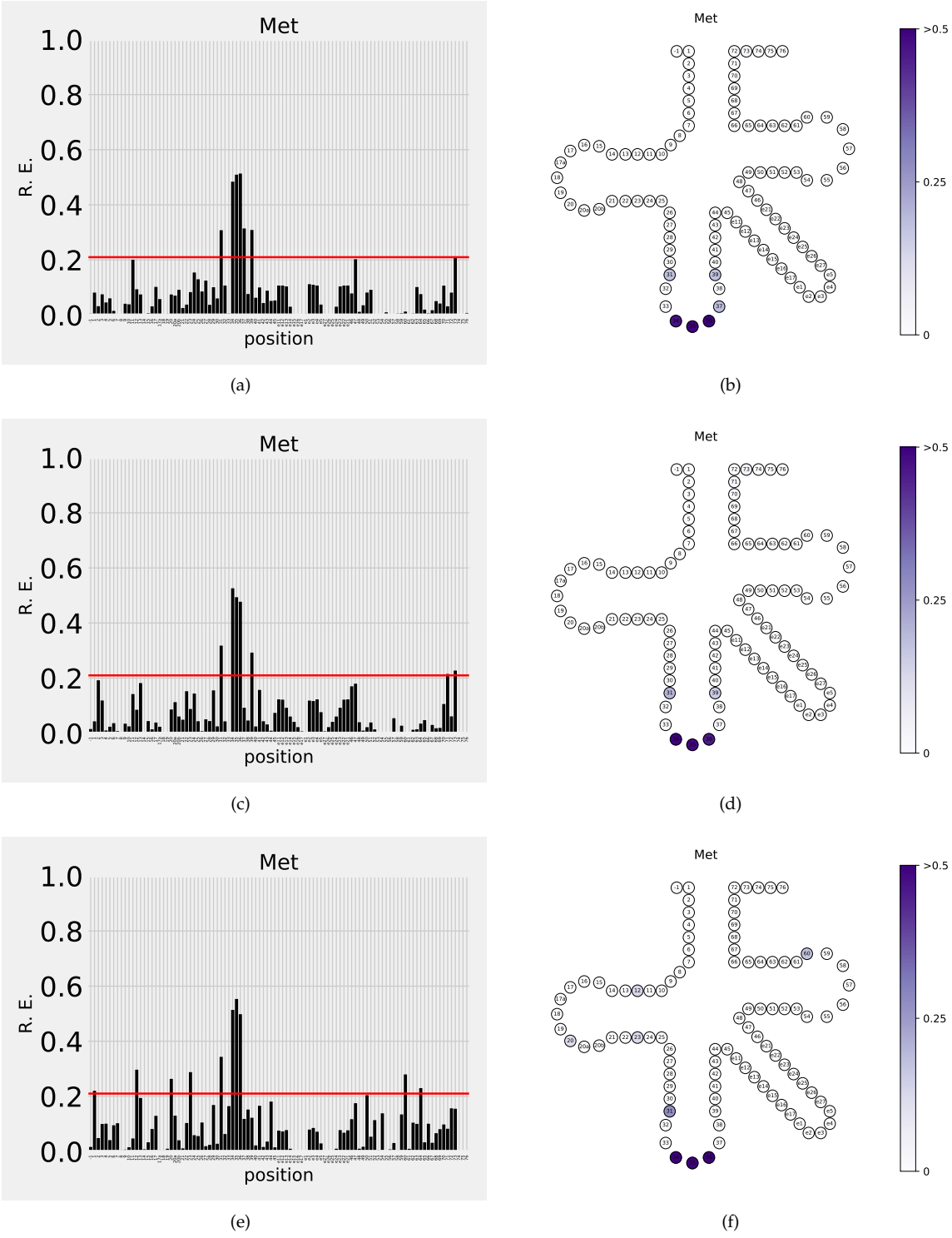

Figure 14. Position "importance" profile forMet tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

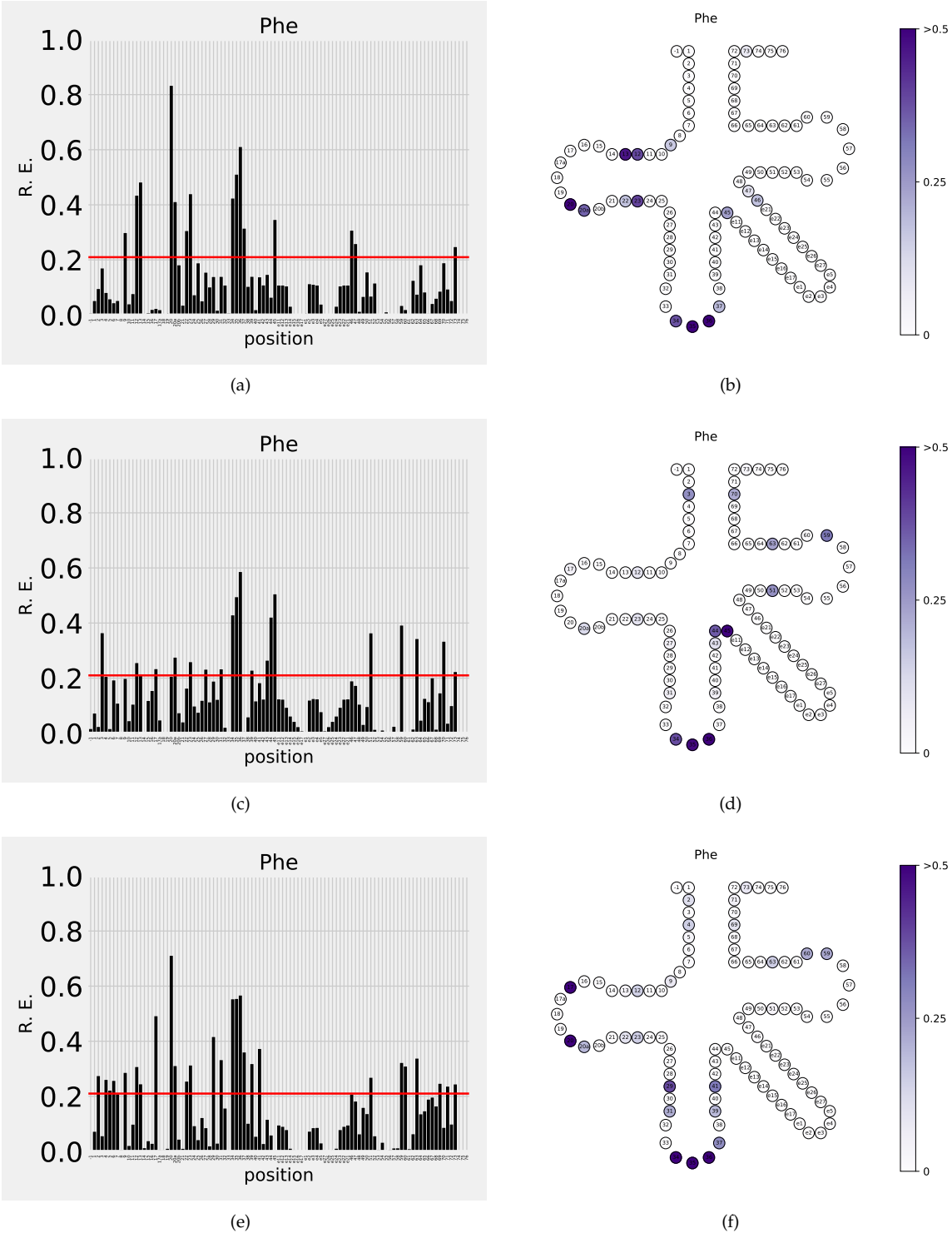

Figure 15. Position "importance" profile forPhe tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

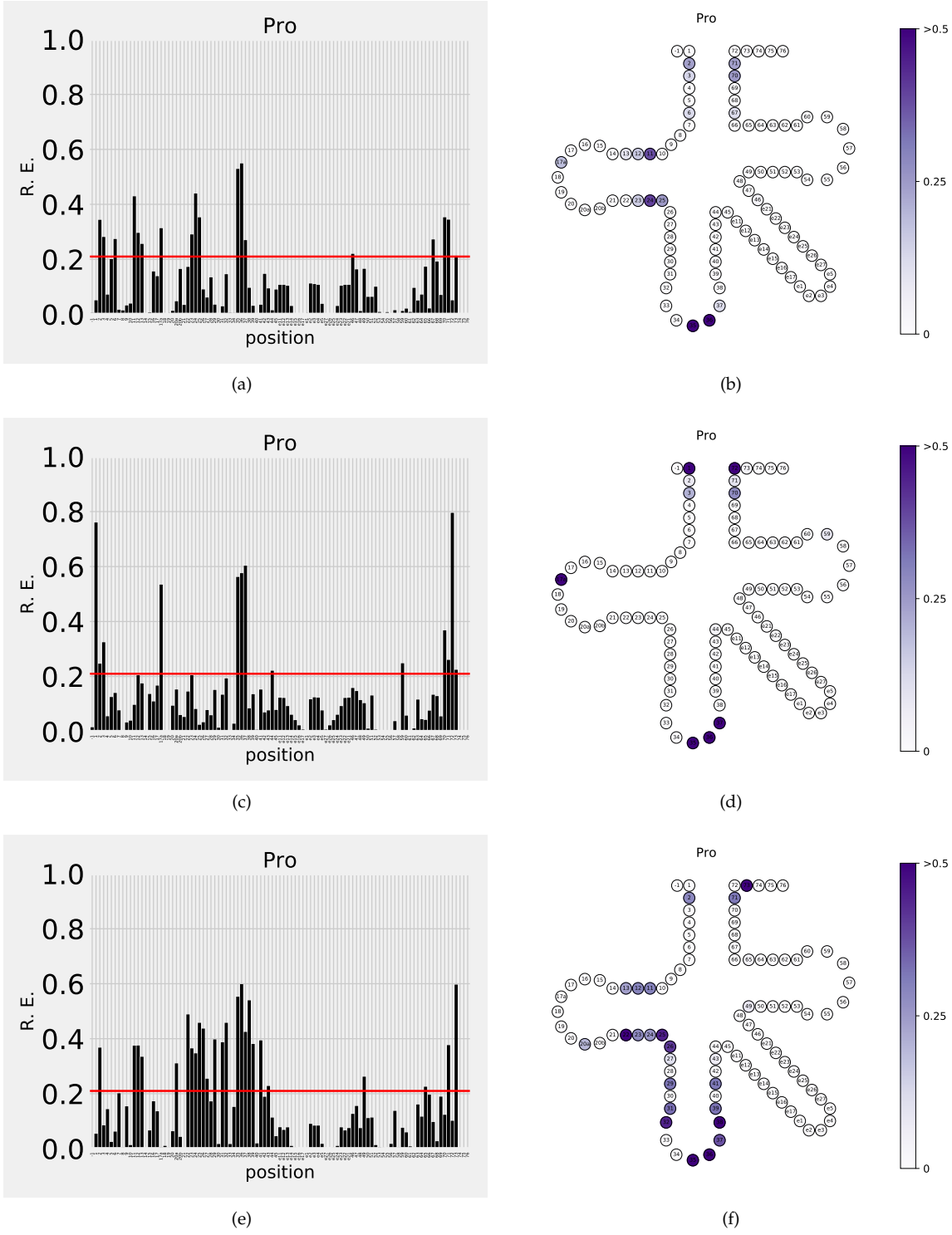

Figure 16. Position "importance" profile forPro tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

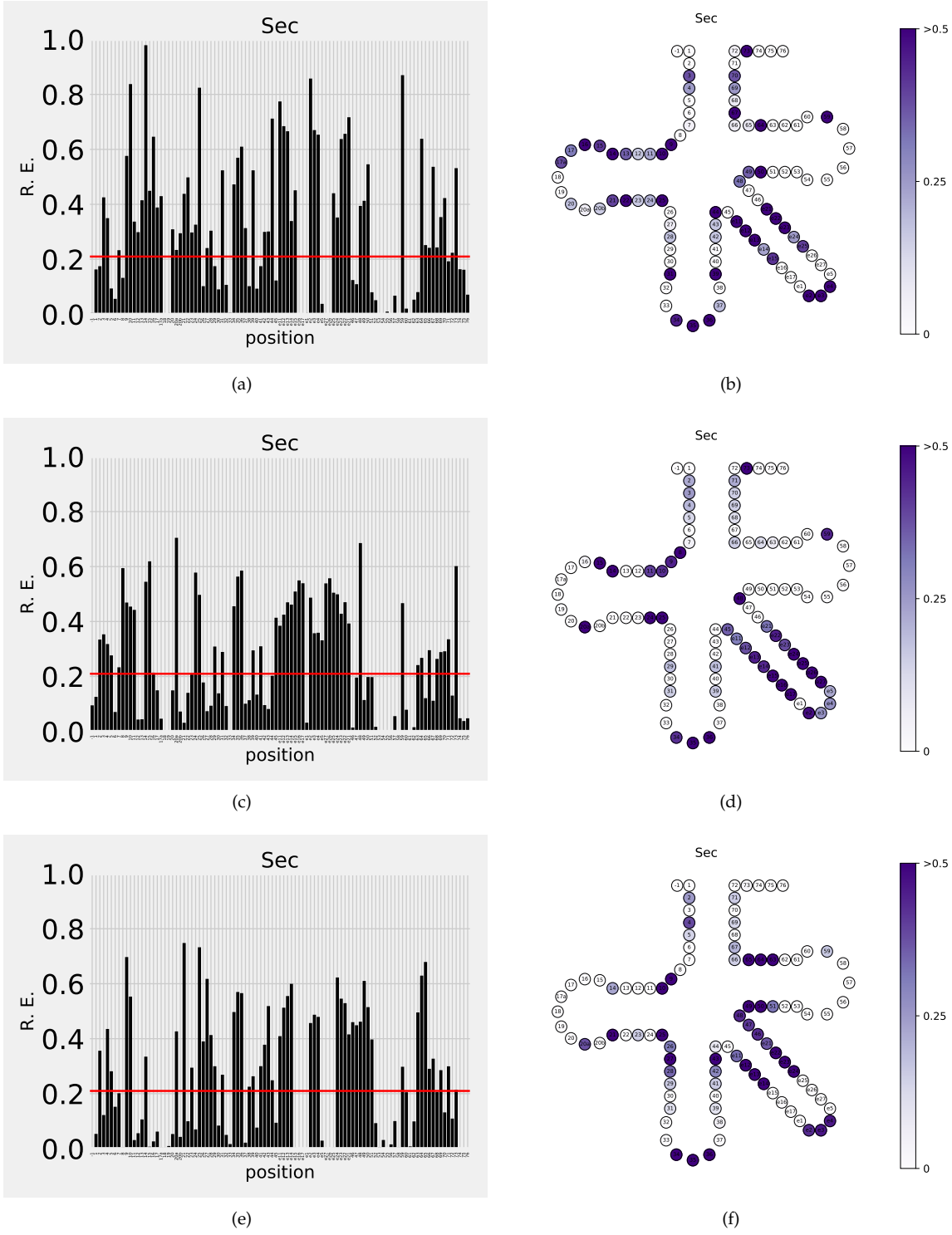

Figure 17. Position "importance" profile forSec tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

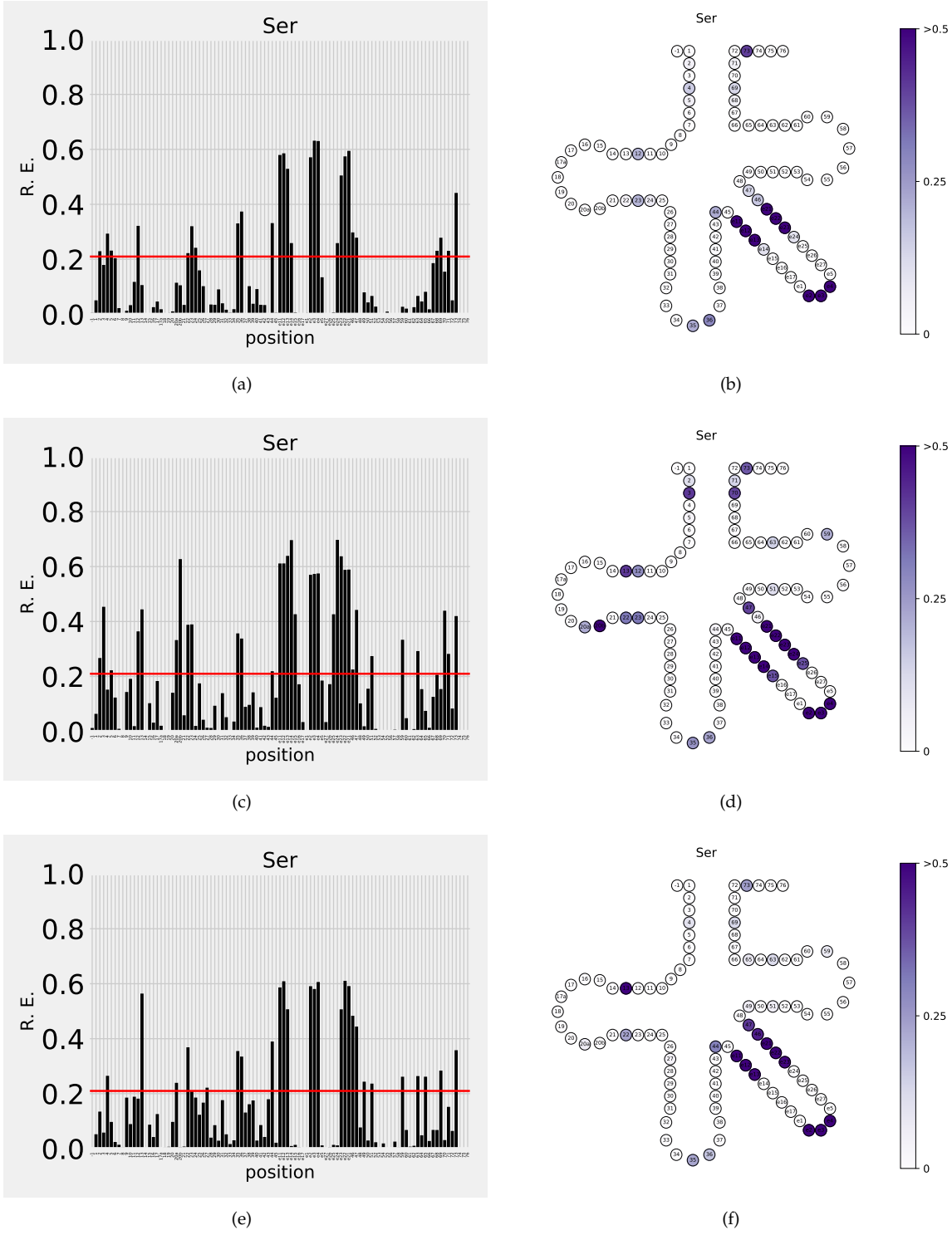

Figure 18. Position "importance" profile forSer tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

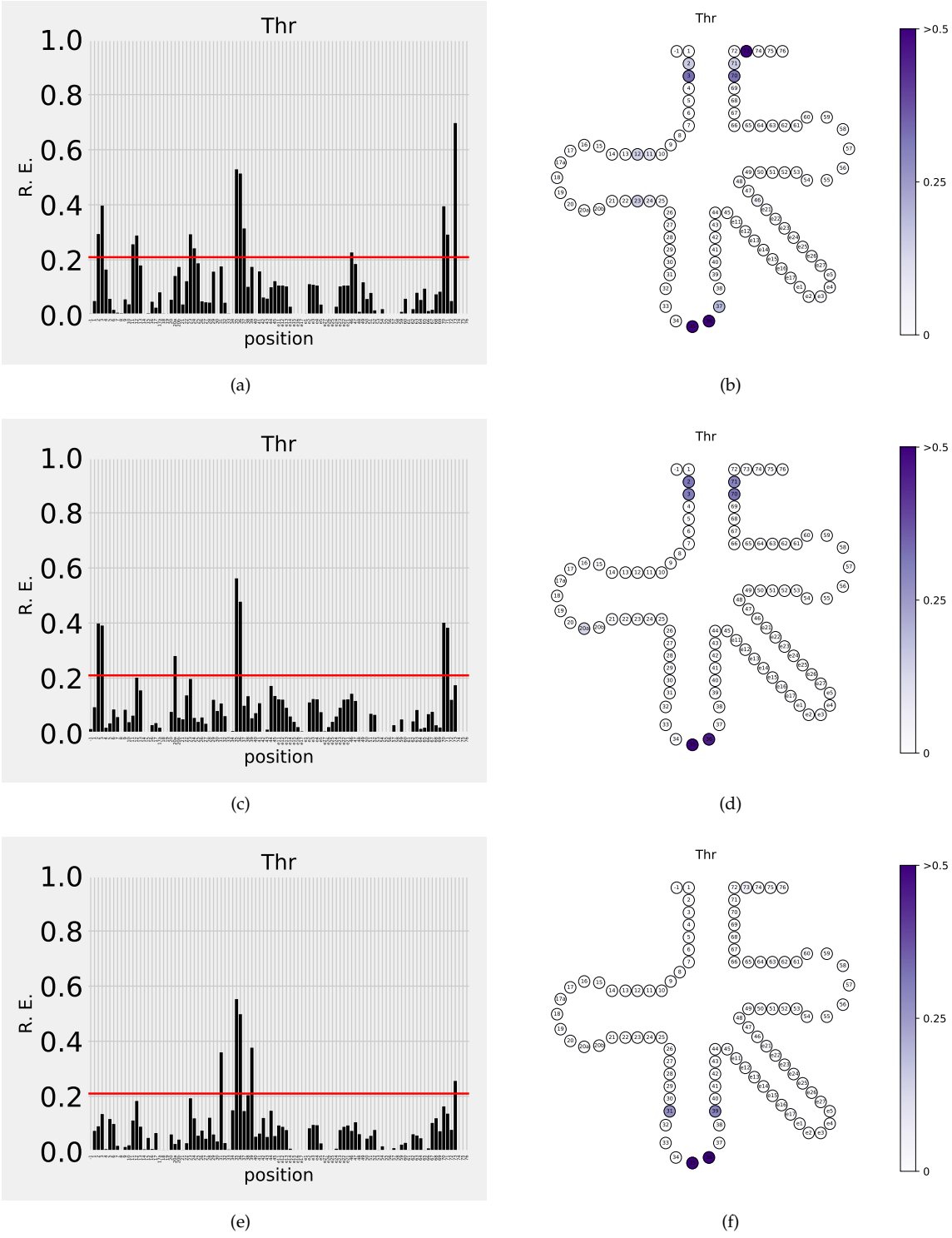

Figure 19. Position "importance" profile forThr tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

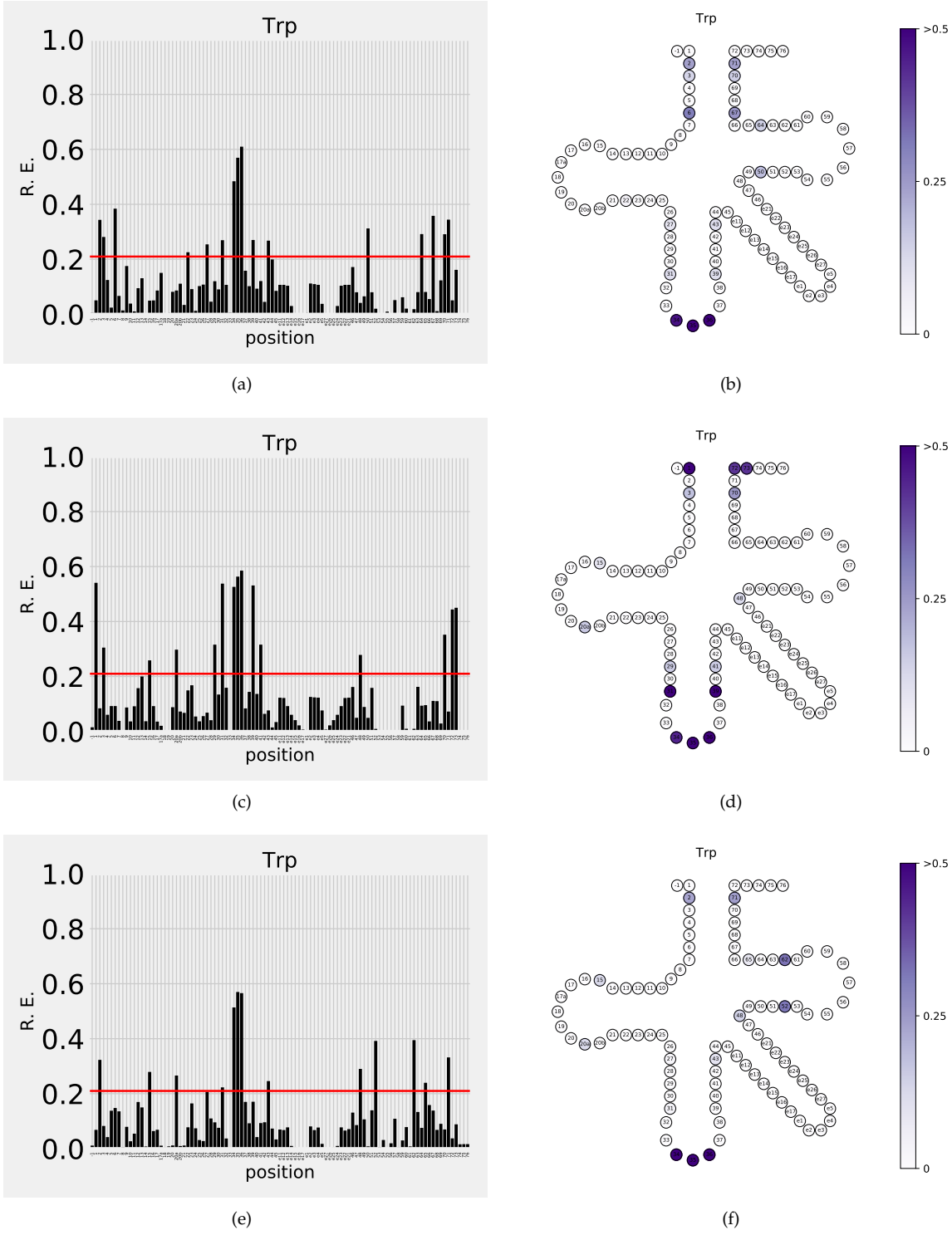

Figure 20. Position "importance" profile forTrp tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

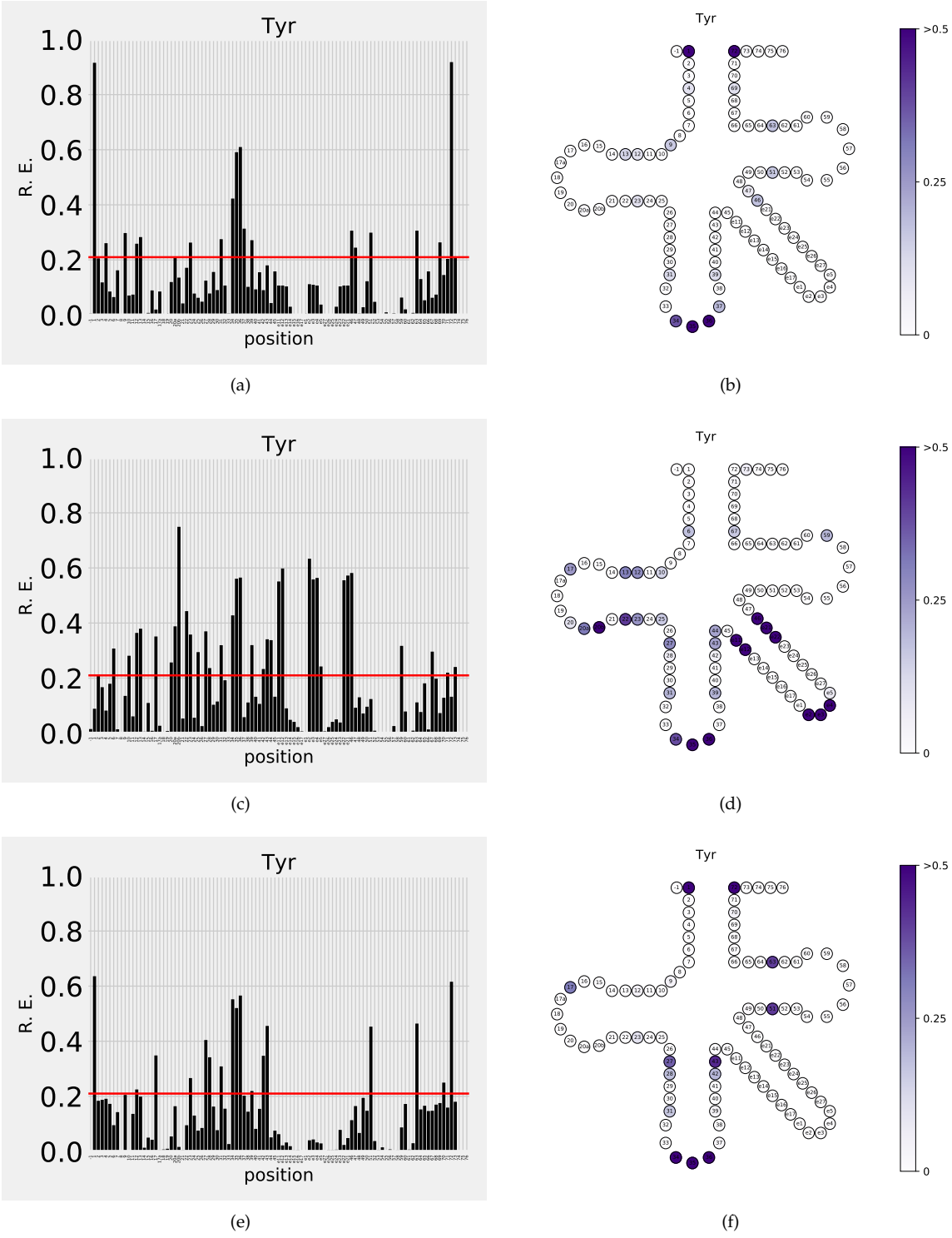

Figure 21. Position "importance" profile forTyr tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).

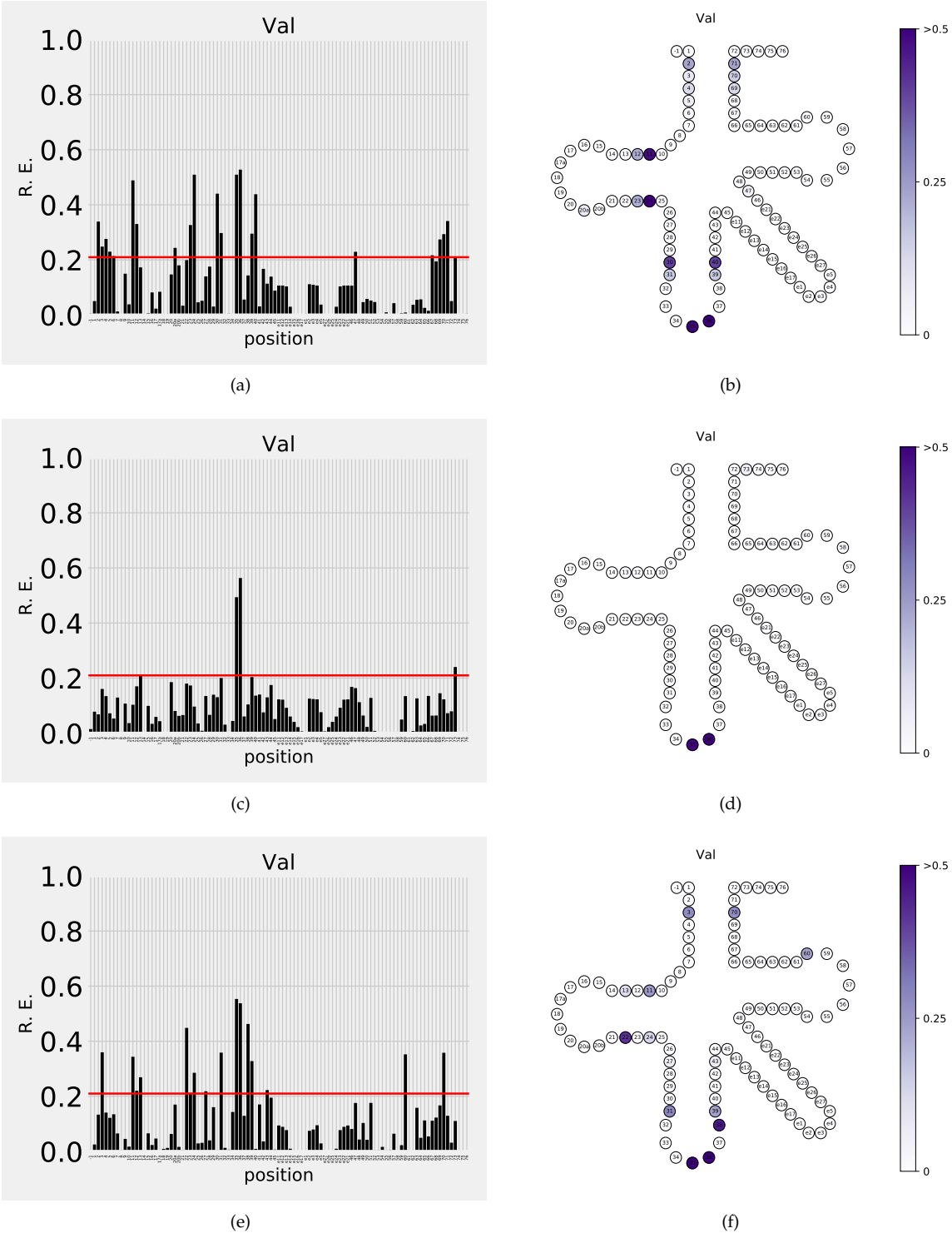

Figure 22. Position "importance" profile forVal tRNAs. (a,b) Archea, (c,d) Bacteria, (e,f) Eukaria. Relative Entropy is shown as function of tRNA position (enumerated as in Figure 1, first row). Significance cutoff limit is shown as a red line (see text for discussion).