**Additional file 4. The correlation between Gravy and Aroma and nucleotide at the third codon position of each codon and ENC values.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

U3s C3s A3s G3s GC3s ENC

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Gravy *r* 0.340 -0.339 0.069 -0.686 -0.635 -0.562

*P* 0.230 0.275 0.764 0.022 0.085 0.056

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Aromo *r* -0.326 0.418 -0.009 -0.356 0.109 0.101

*P* 0.284 0.131 0.944 0.254 0.509 0.689

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