aminoacyl-tRNA synthetase multienzyme complex, GO:0017101 aminoacyl-tRNA editing activity, GO:0002161 regulation of translational fidelity, GO:0006450 tRNA aminoacylation for protein translation, GO:0006418 rRNA transcription, GO:0009303 tRNA aminoacylation, GO:0043039 positive regulation of macrophage activation, GO:0043032

aminoacyl-tRNA ligase activity, GO:0004812