## Structural studies on 2-oxoglutarate oxygenases and re proteins

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**Citation Report** 

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1	JmjC-domain-containing proteins and histone demethylation. Nature Reviews Genetics, 2006, 7, 715-727.	7.7	1,096
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177 178 179	<ul> <li>363-372.</li> <li>The Genetics of Obesity. , 2014, , .</li> <li>Ejection of structural zinc leads to inhibition of Î<sup>3</sup>-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.</li> <li>Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.</li> </ul>	1.0	0 11 69
1777 1778 1779 1800	363-372.         The Cenetics of Obesity., 2014, , .         Ejection of structural zinc leads to inhibition of γ-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.         Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.         Modulating carnitine levels by targeting its biosynthesis – selective inhibition of γ-butyrobetaine hydroxylase. Chemical Science, 2014, 5, 1765-1771.	1.0 5.8 3.7	0 11 69 23
1777 1778 1779 1800 1811	363-372.         The Genetics of Obesity. , 2014, , .         Ejection of structural zinc leads to inhibition of γ-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.         Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.         Modulating carnitine levels by targeting its biosynthesis – selective inhibition of γ-butyrobetaine hydroxylase. Chemical Science, 2014, 5, 1765-1771.         Studies on Deacetoxycephalosporin C Synthase Support a Consensus Mechanism for 2-Oxoglutarate Dependent Oxygenases. Biochemistry, 2014, 53, 2483-2493.	1.0 5.8 3.7 1.2	0 11 69 23
1777 1778 1779 1800 1811	363-372.         The Genetics of Obesity. , 2014, , .         Ejection of structural zinc leads to inhibition of γ-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.         Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.         Modulating carnitine levels by targeting its biosynthesis – selective inhibition of γ-butyrobetaine hydroxylase. Chemical Science, 2014, 5, 1765-1771.         Studies on Deacetoxycephalosporin C Synthase Support a Consensus Mechanism for 2-Oxoglutarate Dependent Oxygenases. Biochemistry, 2014, 53, 2483-2493.         Structures of Human ALKBH5 Demethylase Reveal a Unique Binding Mode for Specific Single-stranded N6-Methyladenosine RNA Demethylation. Journal of Biological Chemistry, 2014, 289, 17299-17311.	1.0 5.8 3.7 1.2 1.6	0 11 69 23 43 138
1777 1778 1779 1800 1811 1822 1833	<ul> <li>363-372.</li> <li>The Cenetics of Obesity. , 2014, , .</li> <li>Ejection of structural zinc leads to inhibition of <sup>î</sup>3-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.</li> <li>Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.</li> <li>Modulating carnitine levels by targeting its biosynthesis – selective inhibition of <sup>î</sup>3-butyrobetaine hydroxylase. Chemical Science, 2014, 5, 1765-1771.</li> <li>Studies on Deacetoxycephalosporin C Synthase Support a Consensus Mechanism for 2-Oxoglutarate Dependent Oxygenases. Biochemistry, 2014, 53, 2483-2493.</li> <li>Structures of Human ALKBH5 Demethylase Reveal a Unique Binding Mode for Specific Single-stranded N6-Methyladenosine RNA Demethylation. Journal of Biological Chemistry, 2014, 289, 17299-17311.</li> <li>Oxidative Degradation of Amino Acids and Aminophosphonic Acids by 2,2â€2-Bipyridine Complexes of Copper(II). European Journal of Inorganic Chemistry, 2014, 2014, 2829-2838.</li> </ul>	1.0 5.8 3.7 1.2 1.6 1.0	0 11 69 23 43 138
<ol> <li>177</li> <li>178</li> <li>179</li> <li>180</li> <li>181</li> <li>182</li> <li>183</li> <li>184</li> </ol>	<ul> <li>363-372.</li> <li>The Genetics of Obesity. , 2014, , .</li> <li>Ejection of structural zinc leads to inhibition of <sup>1</sup>3-butyrobetaine hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4954-4957.</li> <li>Non-enzymatic chemistry enables 2-hydroxyglutarate-mediated activation of 2-oxoglutarate oxygenases. Nature Communications, 2014, 5, 3423.</li> <li>Modulating carnitine levels by targeting its biosynthesis – selective inhibition of <sup>1</sup>3-butyrobetaine hydroxylase. Chemical Science, 2014, 5, 1765-1771.</li> <li>Studies on Deacetoxycephalosporin C Synthase Support a Consensus Mechanism for 2-Oxoglutarate Dependent Oxygenases. Biochemistry, 2014, 53, 2483-2493.</li> <li>Structures of Human ALKBH5 Demethylase Reveal a Unique Binding Mode for Specific Single-stranded N6-Methyladenosine RNA Demethylation. Journal of Biological Chemistry, 2014, 289, 17299-17311.</li> <li>Oxidative Degradation of Amino Acids and Aminophosphonic Acids by 2,2862-Bipyridine Complexes of Copper (II). European Journal of Inorganic Chemistry, 2014, 2829-2838.</li> <li>Highly Selective but Multifunctional Oxygenases in Secondary Metabolism. Accounts of Chemical Research, 2014, 47, 3148-3161.</li> </ul>	1.0 5.8 3.7 1.2 1.6 1.0 7.6	0 11 69 23 43 138 138

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