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Class A Orphans in GtoPdb v.2023.1

Stephen P.H. Alexander[1], Jim Battey[2], Helen E. Benson[3], Richard V. Benya[4], Tom I. Bonner[5], Anthony P. Davenport[6], Khuraijam Dhanachandra Singh[7], Satoru Eguchi[8], Anthony Harmar[3], Nick Holliday[1], Robert T. Jensen[2], Sadashiva Karnik[7], Evi Kostenis[9], Wen Chiy Liew[3], Amy E. Monaghan[3], Chido Mpamhanga[10], Richard Neubig[11], Adam J Pawson[12], Jean-Philippe Pin[13], Joanna L. Sharman[3], Michael Spedding[14], Eliot Spindel[15], Leigh Stoddart[16], Laura Storjohann[17], Walter G. Thomas[18], Kalyan Tirupula[7] and Patrick Vanderheyden[19]

1. University of Nottingham, UK
2. National Institutes of Health, USA
3. University of Edinburgh, UK
4. University of Illinois at Chicago, USA
5. National Institute of Mental Health, USA
6. University of Cambridge, UK
7. Cleveland Clinic Lerner Research Institute, USA
8. Temple University, USA
9. University of Bonn, Germany
10. LifeArc, UK
11. Michigan State University, USA
12. The University of Edinburgh, UK
13. Université de Montpellier, France
14. Spedding Research Solutions SARL, France
15. Oregon Health & Science University, USA
16. University of Glasgow, UK
17. University of Utah, USA
18. University of Queensland, Australia
19. Vrije Universiteit Brussel, Belgium

Abstract

Table 1 lists a number of putative GPCRs identified by **NC-IUPHAR [161]**, for which preliminary evidence for an endogenous ligand has been published, or for which there exists a potential link to a disease, or disorder. These GPCRs have recently been reviewed in detail [121]. The GPCRs in Table 1 are all Class A, rhodopsin-like GPCRs. Class A orphan GPCRs not listed in Table 1 are putative GPCRs with as-yet unidentified endogenous ligands.

Table 1: Class A orphan GPCRs with putative endogenous ligands

GPR3	*GPR4*	*GPR6*	*GPR12*	*GPR15*	*GPR17*	*GPR20*
GPR22	*GPR26*	*GPR31*	*GPR34*	*GPR35*	*GPR37*	*GPR39*
GPR50	*GPR63*	*GPR65*	*GPR68*	*GPR75*	*GPR84*	*GPR87*
GPR88	*GPR132*	*GPR149*	*GPR161*	*GPR183*	*LGR4*	*LGR5*
LGR6	*MAS1*	*MRGPRD*	*MRGPRX1*	*MRGPRX2*	*P2RY10*	*TAAR2*

In addition the orphan receptors *GPR18*, *GPR55* and *GPR119* which are reported to respond to endogenous agents analogous to the endogenous cannabinoid ligands have been grouped together (GPR18, GPR55 and GPR119).

Contents

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Database links

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GPR37

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GPR37L1

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MRGPRF

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MRGPRG

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MRGPRX1

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MRGPRX2

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MRGPRX3

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MRGPRX4

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P2RY10

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TAAR2

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TAAR4P

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