

## SUPPORTING TABLES

**Table S1. List of non-olfactory GPCRs containing predicted FLNa binding motif (FBM)**

#	UniProt ID	GPCR	Predicted FBM	<sup>†</sup> Site
1	5HT1F_HUMAN	5-hydroxytryptamine receptor 1F	<sup>355</sup> KKAFQKLVRCRC <sup>366</sup>	Ct
2	5HT2A_HUMAN	5-hydroxytryptamine receptor 2A	<sup>385</sup> KTYRSAFSRYIQ <sup>396</sup>	Ct
3	5HT2B_HUMAN	5-hydroxytryptamine receptor 2B	<sup>385</sup> KTFRDAFGRYIT <sup>396</sup>	Ct
4	ACKR3_HUMAN	Atypical chemokine receptor 3	<sup>334</sup> YSAKTGLTKLID <sup>345</sup>	Ct
5	ACKR4_HUMAN	Atypical chemokine receptor 4	<sup>308</sup> ASFKNYVMKVAK <sup>319</sup>	Ct
6	ACM1_HUMAN	Muscarinic acetylcholine receptor M1	<sup>423</sup> KAFRDTRLLLL <sup>434</sup>	Ct
7	AGTR1_HUMAN	Type-1 angiotensin II receptor	<sup>311</sup> RYFLQLKYIPP <sup>322</sup>	Ct
8	BAI1_HUMAN	Brain-specific angiogenesis inhibitor 1	<sup>1244</sup> CRTATITGTLKR <sup>1255</sup>	Ct
			<sup>1042</sup> GHLRNRLIRKRF <sup>1053</sup>	ICL2
9	BAI3_HUMAN	Brain-specific angiogenesis inhibitor 3	<sup>1207</sup> CRAATITGTLR <sup>1218</sup>	Ct
			<sup>972</sup> GKIRTRLIRKRF <sup>983</sup>	ICL2
10	BKRB2_HUMAN	B2 bradykinin receptor	<sup>368</sup> GTLRTSISVERQ <sup>379</sup>	Ct
11	CCR1_HUMAN	C-C chemokine receptor type 1	<sup>310</sup> KYLRQLFHRRVA <sup>321</sup>	Ct
12	CCR10_HUMAN	C-C chemokine receptor type 10	<sup>315</sup> LFRQDLRLLR <sup>326</sup>	Ct
13	CCR4_HUMAN	C-C chemokine receptor type 4	<sup>313</sup> KYILQLFKTCRG <sup>324</sup>	Ct
			<sup>68</sup> KRLRSMTDVYLL <sup>79</sup>	ICL1
14	CCR6_HUMAN	C-C chemokine receptor type 6	<sup>350</sup> GRYSENISRQTS <sup>361</sup>	Ct
			<sup>321</sup> QKFRNYFLKILK <sup>332</sup>	Ct
			<sup>75</sup> KKARSMTDVYLL <sup>86</sup>	ICL1
15	CCR7_HUMAN	C-C chemokine receptor type 7	<sup>331</sup> VKFRNDLFKLFK <sup>342</sup>	Ct
			<sup>87</sup> KRLKTM TDYLL <sup>98</sup>	ICL1
16	CD97_HUMAN	CD97 antigen	<sup>808</sup> SKYSEFTSTTSG <sup>819</sup>	Ct
17	CNR1_HUMAN	Cannabinoid receptor 1	<sup>448</sup> SCIKSTVKIAKV <sup>459</sup>	Ct
18	CXCR5_HUMAN	C-X-C chemokine receptor type 5	<sup>327</sup> VKFRSDLRLLT <sup>338</sup>	Ct
			<sup>80</sup> RQTRSSTETFLF <sup>91</sup>	ICL1
19	GPI19_HUMAN	Glucose-dependent insulinotropic receptor	<sup>298</sup> KKVLTSFLLFLS <sup>309</sup>	Ct
20	GP126_HUMAN	G-protein coupled receptor 126	<sup>1143</sup> SKTATNIIKKSS <sup>1154</sup>	Ct
			<sup>1057</sup> RTLREEVLRNLR <sup>1068</sup>	ICL3
21	GP135_HUMAN	Probable G-protein coupled receptor 135	<sup>327</sup> VRTATTVLIMIV <sup>338</sup>	Ct
			<sup>321</sup> LRFSEVVRTATT <sup>332</sup>	Ct
			<sup>188</sup> RFFSSCFGIVST <sup>199</sup>	ICL3

22	GP149_HUMAN	Probable G-protein coupled receptor 149	<sup>446</sup> RNIFNAIKVEIS <sup>457</sup>	Ct
23	GP156_HUMAN	Probable G-protein coupled receptor 156	<sup>377</sup> NNAKEKIVRLMS <sup>388</sup>	Ct
24	GP162_HUMAN	Probable G-protein coupled receptor 162	<sup>499</sup> GFFREEITTFID <sup>510</sup>	Ct
25	GP176_HUMAN	Probable G-protein coupled receptor 176	<sup>400</sup> FQAKEIFSTCLE <sup>411</sup>	Ct
			<sup>70</sup> TVFKSVTNRFIK <sup>81</sup>	ICL1
26	GPC6A_HUMAN	G-protein coupled receptor family C group 6 member A	<sup>843</sup> INTKSAFLKMIY <sup>854</sup>	Ct
27	GPR22_HUMAN	Probable G-protein coupled receptor 22	<sup>368</sup> AFTRQKFQKVLK <sup>379</sup>	Ct
			<sup>282</sup> FGVRTSVSVIIA <sup>293</sup>	ICL3
			<sup>232</sup> TKILQALNIRIG <sup>243</sup>	ICL3
28	GPR64_HUMAN	G-protein coupled receptor 64	<sup>880</sup> CVAKENVRKQWR <sup>891</sup>	Ct
29	GPR85_HUMAN	Probable G-protein coupled receptor 85	<sup>348</sup> RCFSTLLYCRK <sup>359</sup>	Ct
30	GRM5_HUMAN	Metabotropic glutamate receptor 5	<sup>831</sup> RNVRSFATTSTV <sup>842</sup>	Ct
31	LGR6_HUMAN	Leucine-rich repeat-containing G-protein coupled receptor 6	<sup>832</sup> PHFRDDLRRRLP <sup>843</sup>	Ct
32	LPAR2_HUMAN	Lysophosphatidic acid receptor 2	<sup>317</sup> QSTRESVHYTSS <sup>328</sup>	Ct
33	MAS_HUMAN	Proto-oncogene Mas	<sup>289</sup> KRFKESLKVVLV <sup>300</sup>	Ct
34	MAS1L_HUMAN	Mas-related G-protein coupled receptor MRG	<sup>323</sup> KRLKESLRVILQ <sup>334</sup>	Ct
35	NK2R_HUMAN	Substance-K receptor	<sup>312</sup> HRFRSGFRLAFR <sup>323</sup>	Ct
36	NPFF2_HUMAN	Neuropeptide FF receptor 2	<sup>467</sup> LKAKSHVLINTS <sup>478</sup>	Ct
			<sup>257</sup> LTIKTAFVIIMI <sup>268</sup>	ICL2
37	OPN3_HUMAN	Opsin-3	<sup>318</sup> RSLQLLCLRL <sup>329</sup>	Ct
38	OPRD_HUMAN	Delta-type opioid receptor	<sup>346</sup> SRAREATARERV <sup>357</sup>	Ct
39	OX1R_HUMAN	Orexin receptor type 1	<sup>409</sup> SKISEHVVLTSV <sup>420</sup>	Ct
40	OX2R_HUMAN	Orexin receptor type 2	<sup>418</sup> SKLSEQVVLTSI <sup>429</sup>	Ct
			<sup>167</sup> KRARNISVIIWI <sup>178</sup>	ICL2
41	P2RY4_HUMAN	P2Y purinoceptor 4	<sup>329</sup> RTAASSLALVSL <sup>340</sup>	Ct
42	PE2R1_HUMAN	Prostaglandin E2 receptor EP1 subtype	<sup>357</sup> AVLRQLLRLLPP <sup>368</sup>	Ct
			<sup>352</sup> ILLRQAVLRQLL <sup>363</sup>	Ct
43	PF2R_HUMAN	Prostaglandin F2-alpha receptor	<sup>336</sup> SSIKNSLKVAAI <sup>347</sup>	Ct
44	PI2R_HUMAN	Prostacyclin receptor	<sup>297</sup> KAVFQRLKLWVC <sup>308</sup>	Ct
45	PKR1_HUMAN	Prokineticin receptor 1	<sup>343</sup> VTVKNDTVKYFK <sup>354</sup>	Ct
			<sup>91</sup> KKLRNLTNLLIA <sup>102</sup>	ICL1
46	PKR2_HUMAN	Prokineticin receptor 2	<sup>334</sup> VTVKNNMKEYFK <sup>345</sup>	Ct
			<sup>82</sup> KKLRNLTNLLIA <sup>93</sup>	ICL1
47	QRFPR_HUMAN	Pyroglutamylated RFamide peptide receptor	<sup>341</sup> KNVLSAVCYCIV <sup>352</sup>	Ct

			<sup>76</sup> MRTVTNIFICSL <sup>87</sup>	ICL1
48	RL3R1_HUMAN	Relaxin-3 receptor 1	<sup>398</sup> KALKSLLWRIAS <sup>409</sup>	Ct
			<sup>323</sup> KVTKSVTIVVLS <sup>334</sup>	ICL3
49	SSR1_HUMAN	Somatostatin receptor type 1	<sup>377</sup> GVFRNGTCTSR <sup>388</sup>	Ct
50	SSR3_HUMAN	Somatostatin receptor type 3	<sup>318</sup> YRFKQGFRRVLL <sup>329</sup>	Ct
51	SUCR1_HUMAN	Succinate receptor 1	<sup>312</sup> HNFKSLTSFSRW <sup>323</sup>	Ct
52	T2R13_HUMAN	Taste receptor type 2 member 13	<sup>286</sup> AKLRQAFLLVAA <sup>297</sup>	Ct
53	T2R41_HUMAN	Taste receptor type 2 member 41	<sup>291</sup> RSVFSQLLLAR <sup>302</sup>	Ct
54	TA2R3_HUMAN	Taste receptor type 2 member 3	<sup>289</sup> SKLKQTFVVMRL <sup>300</sup>	Ct
55	TA2R8_HUMAN	Taste receptor type 2 member 8	<sup>290</sup> NKLRQTFVRMLT <sup>301</sup>	Ct
			<sup>232</sup> RAIKTMTSFIFF <sup>243</sup>	ICL3
56	TA2R9_HUMAN	Taste receptor type 2 member 9	<sup>287</sup> SKLREAFKMLR <sup>298</sup>	Ct
57	VN1R5_HUMAN	Vomeronasal type-1 receptor 5	<sup>328</sup> FKTLQMLWFKYL <sup>339</sup>	Ct
58	AA3R_HUMAN	Adenosine receptor A3	<sup>202</sup> YIIRNKLSLNL <sup>213</sup>	ICL3
59	ACM3_HUMAN	Muscarinic acetylcholine receptor M3	<sup>469</sup> LKTRSQITKRKR <sup>480</sup>	ICL3
60	ACM4_HUMAN	Muscarinic acetylcholine receptor M4	<sup>379</sup> SIARNQVRKQR <sup>390</sup>	ICL3
61	ACTHR_HUMAN	Adrenocorticotrophic hormone receptor	<sup>198</sup> LLARSHTRKIST <sup>209</sup>	ICL3
62	ADA1A_HUMAN	Alpha-1A adrenergic receptor	<sup>251</sup> AKTKTHFSVRL <sup>262</sup>	ICL3
			<sup>249</sup> ASAKTKTHFSVR <sup>260</sup>	ICL3
			<sup>216</sup> RGLKSGLKTDKS <sup>227</sup>	ICL3
63	ADA1D_HUMAN	Alpha-1D adrenergic receptor	<sup>327</sup> HTFRSSLSVRL <sup>338</sup>	ICL3
64	ADA2C_HUMAN	Alpha-2C adrenergic receptor	<sup>361</sup> RRARSSVCRKV <sup>372</sup>	ICL3
65	AGTR2_HUMAN	Type-2 angiotensin II receptor	<sup>248</sup> RITRDQVLKMAA <sup>259</sup>	ICL3
66	BKRB1_HUMAN	B1 bradykinin receptor	<sup>229</sup> LRTREEVSRTRC <sup>240</sup>	ICL3
67	CELR1_HUMAN	Cadherin EGF LAG seven-pass G-type receptor 1	<sup>2648</sup> KGIVSLLRTAFL <sup>2659</sup>	ICL3
68	CXCR4_HUMAN	C-X-C chemokine receptor type 4	<sup>236</sup> KALKTTVILILA <sup>247</sup>	ICL3
			<sup>67</sup> KKLRSMTDKYRL <sup>78</sup>	ICL1
69	DRD2_HUMAN	D(2) dopamine receptor	<sup>349</sup> GKTRTSLKTMSR <sup>360</sup>	ICL3
70	DRD3_HUMAN	D(3) dopamine receptor	<sup>304</sup> GRLSTSLKLGPL <sup>315</sup>	ICL3
71	FFAR4_HUMAN	Free fatty acid receptor 4	<sup>277</sup> RLFRTLFLLMVS <sup>288</sup>	ICL3
72	GALR1_HUMAN	Galanin receptor type 1	<sup>243</sup> KKTAQTVLVVVV <sup>254</sup>	ICL3
			<sup>221</sup> AKVLNHLHKKLK <sup>232</sup>	ICL3
73	GP112_HUMAN	Probable G-protein coupled receptor 112	<sup>2921</sup> NSVKSQIQKTRR <sup>2932</sup>	ICL3
74	GP160_HUMAN	Probable G-protein coupled receptor 160	<sup>238</sup> KIFLSKLIVCFL <sup>249</sup>	ICL3

75	GP161_HUMAN	G-protein coupled receptor 161	<sup>253</sup> RNAFQGVVYSAN <sup>264</sup>	ICL3
76	GPR17_HUMAN	Uracil nucleotide/cysteinyl leukotriene receptor	<sup>245</sup> RSLRQGLRVEKR <sup>256</sup>	ICL3
77	GPR34_HUMAN	Probable G-protein coupled receptor 34	<sup>263</sup> TTARNSFIVLII <sup>274</sup>	ICL3
78	GPR45_HUMAN	Probable G-protein coupled receptor 45	<sup>263</sup> TKAFTTILILFV <sup>274</sup>	ICL3
79	GPR63_HUMAN	Probable G-protein coupled receptor 63	<sup>310</sup> TRAFITLILFA <sup>321</sup>	ICL3
80	GPR97_HUMAN	Probable G-protein coupled receptor 97	<sup>474</sup> KKVLTLLGLSSL <sup>485</sup>	ICL3
81	HCAR3_HUMAN	Hydroxycarboxylic acid receptor 3	<sup>227</sup> KRAITFIMVVAI <sup>238</sup>	ICL3
82	LPAR1_HUMAN	Lysophosphatidic acid receptor 1	<sup>230</sup> GYVRQRTMRMSR <sup>241</sup>	ICL3
83	MC5R_HUMAN	Melanocortin receptor 5	<sup>210</sup> LLARTHVKRIAA <sup>221</sup>	ICL3
84	MRGX1_HUMAN	Mas-related G-protein coupled receptor member X1	<sup>213</sup> RLYVTILLTVLV <sup>224</sup>	ICL3
85	MRGX2_HUMAN	Mas-related G-protein coupled receptor member X2	<sup>220</sup> RLYLITLLTVLV <sup>231</sup>	ICL3
86	MRGX4_HUMAN	Mas-related G-protein coupled receptor member X4	<sup>213</sup> RLYVTILLTVLV <sup>224</sup>	ICL3
87	MTR1A_HUMAN	Melatonin receptor type 1A	<sup>235</sup> RNFVTMFVVFVL <sup>246</sup>	ICL3
88	MTR1B_HUMAN	Melatonin receptor type 1B	<sup>248</sup> RSFLTMFVVFVI <sup>259</sup>	ICL3
89	MTR1L_HUMAN	Melatonin-related receptor	<sup>234</sup> RNFLTMFVIFLL <sup>245</sup>	ICL3
90	CXCR2_HUMAN	C-X-C chemokine receptor type 2	<sup>150</sup> HATRTLQKRYL <sup>161</sup>	ICL2
91	EMR2_HUMAN	EGF-like module-containing mucin-like hormone receptor-like 2	<sup>626</sup> LTARNLTVVNYS <sup>637</sup>	ICL2
			<sup>561</sup> CKAIQNTSTSLH <sup>572</sup>	ICL1
92	EMR3_HUMAN	EGF-like module-containing mucin-like hormone receptor-like 3	<sup>446</sup> LTARNLTVVNYS <sup>457</sup>	ICL2
93	EMR4_HUMAN	Putative EGF-like module-containing mucin-like hormone receptor-like 4	<sup>285</sup> LKVANYTSTGRF <sup>296</sup>	ICL2
94	GP123_HUMAN	Probable G-protein coupled receptor 123	<sup>107</sup> NIYKQVTKKAPL <sup>118</sup>	ICL2
95	GP125_HUMAN	Probable G-protein coupled receptor 125	<sup>849</sup> NIYKQVTKKAKR <sup>860</sup>	ICL2
96	GPR1_HUMAN	G-protein coupled receptor 1	<sup>149</sup> RTLKNSLIVIF <sup>160</sup>	ICL2
97	GPR56_HUMAN	G-protein coupled receptor 56	<sup>502</sup> RLVVEVFGTYVP <sup>513</sup>	ICL2
98	RGR_HUMAN	RPE-retinal G protein-coupled receptor	<sup>117</sup> YCTRSQLAWNSA <sup>128</sup>	ICL2
99	5HT6R_HUMAN	5-hydroxytryptamine receptor 6	<sup>58</sup> RNTSNFFLVSLF <sup>69</sup>	ICL1
100	CCKAR_HUMAN	Cholecystokinin receptor type A	<sup>72</sup> MRTVTNIFLLSL <sup>83</sup>	ICL1
101	CCR5_HUMAN	C-C chemokine receptor type 5	<sup>59</sup> KRLKSMTDIYLL <sup>70</sup>	ICL1
102	CCR8_HUMAN	C-C chemokine receptor type 8	<sup>64</sup> KKLRSITDVYLL <sup>75</sup>	ICL1
103	CXCR3_HUMAN	C-X-C chemokine receptor type 3	<sup>82</sup> RTALSSTDTFLL <sup>93</sup>	ICL1
104	FPR2_HUMAN	N-formyl peptide receptor 2	<sup>54</sup> RMTRTVTTICYL <sup>65</sup>	ICL1
105	GP111_HUMAN	Probable G-protein coupled receptor 111	<sup>474</sup> QVTKTEITYLRH <sup>485</sup>	ICL1
106	GP113_HUMAN	Probable G-protein coupled receptor 113	<sup>798</sup> VVVRNKISYFRH <sup>809</sup>	ICL1

107	GP115_HUMAN	Probable G-protein coupled receptor 115	<sup>429</sup> RVVVTEISYMRH <sup>440</sup>	ICL1
108	GP116_HUMAN	Probable G-protein coupled receptor 116	<sup>1040</sup> SVTKNRTSYMRH <sup>1051</sup>	ICL1
109	GPR75_HUMAN	Probable G-protein coupled receptor 75	<sup>73</sup> RKFRTNDFMIL <sup>84</sup>	ICL1
110	GPR84_HUMAN	G-protein coupled receptor 84	<sup>49</sup> PKLRTRFNLLIA <sup>60</sup>	ICL1
111	GPR87_HUMAN	G-protein coupled receptor 87	<sup>68</sup> FHIRNKTSFIFY <sup>79</sup>	ICL1
112	LPAR6_HUMAN	Lysophosphatidic acid receptor 6	<sup>46</sup> LKVRNETTTYMI <sup>57</sup>	ICL1
113	OGR1_HUMAN	Ovarian cancer G-protein coupled receptor 1	<sup>50</sup> IKARNELGVYLC <sup>61</sup>	ICL1
114	P2RY6_HUMAN	P2Y purinoceptor 6	<sup>55</sup> RRALTRTAVYTL <sup>66</sup>	ICL1
115	PD2R_HUMAN	Prostaglandin D2 receptor	<sup>40</sup> LLARSGLGWCSR <sup>51</sup>	ICL1
116	TA2R_HUMAN	Thromboxane A2 receptor	<sup>57</sup> SHTRSSFLTFLC <sup>68</sup>	ICL1

<sup>C</sup>: C-terminal tail, ICL1: Intracellular loop 1, ICL2: Intracellular loop 2, ICL3: Intracellular loop 3.

**Table S2. List of olfactory GPCRs containing predicted FLNa binding motif (FBM)**

#	UniProt ID	GPCR	Predicted FBM	<sup>†</sup> Site
1	O10J3_HUMAN	Olfactory receptor 10J3	<sup>305</sup> RGAKNSVSLMKR <sup>316</sup>	Ct
2	O10Q1_HUMAN	Olfactory receptor 10Q1	<sup>304</sup> GALRSAIRKAA <sup>315</sup>	Ct
3	O13F1_HUMAN	Olfactory receptor 13F1	<sup>304</sup> LLIRNHFN <sup>TAFI</sup> <sup>315</sup>	Ct
4	O14K1_HUMAN	Olfactory receptor 14K1	<sup>296</sup> KSALS <sup>KVLWNVR</sup> <sup>307</sup>	Ct
5	O51G1_HUMAN	Olfactory receptor 51G1	<sup>299</sup> KQIRQRIKKFQ <sup>310</sup>	Ct
			<sup>222</sup> LILRTVLSIASH <sup>233</sup>	ICL3
6	O51T1_HUMAN	Olfactory receptor 51T1	<sup>294</sup> YSLKTKTIRQAM <sup>305</sup>	Ct
			<sup>222</sup> LILRTVLGIVAR <sup>233</sup>	ICL3
7	O52A5_HUMAN	Olfactory receptor 52A5	<sup>300</sup> KQIRDHIVKVF <sup>311</sup>	Ct
8	O52E4_HUMAN	Olfactory receptor 52E4	<sup>298</sup> KQIREQIVKIFV <sup>309</sup>	Ct
9	O52E5_HUMAN	Olfactory receptor 52E5	<sup>296</sup> KQIREQVLRILN <sup>307</sup>	Ct
10	O52E6_HUMAN	Olfactory receptor 52E6	<sup>298</sup> KHIRETVLRIF <sup>309</sup>	Ct
11	O52E8_HUMAN	Olfactory receptor 52E8	<sup>302</sup> KQIRERVLRIFL <sup>313</sup>	Ct
12	O52H1_HUMAN	Olfactory receptor 52H1	<sup>305</sup> KQIRDKVILLFS <sup>316</sup>	Ct
13	O52J3_HUMAN	Olfactory receptor 52J3	<sup>298</sup> KQIRERVLYVFT <sup>309</sup>	Ct
14	O52L1_HUMAN	Olfactory receptor 52L1	<sup>315</sup> QQIRQVLRVFT <sup>326</sup>	Ct
15	O52N1_HUMAN	Olfactory receptor 52N1	<sup>300</sup> RQVRESVIRFFL <sup>311</sup>	Ct
16	O52N4_HUMAN	Olfactory receptor 52N4	<sup>300</sup> KQIRDCVIRILS <sup>311</sup>	Ct
17	O52Z1_HUMAN	Olfactory receptor 52Z1	<sup>281</sup> KQIKDRVILLFS <sup>292</sup>	Ct
18	O56B1_HUMAN	Olfactory receptor 56B1	<sup>308</sup> RAAFQKVL <sup>FALT</sup> <sup>319</sup>	Ct
19	O5AL1_HUMAN	Olfactory receptor 5AL1	<sup>317</sup> KRIIEKLCLAVK <sup>328</sup>	Ct
20	O6C65_HUMAN	Olfactory receptor 6C65	<sup>297</sup> QALREFTKKILS <sup>308</sup>	Ct
21	O6C75_HUMAN	Olfactory receptor 6C75	<sup>297</sup> QAFKSMVQKMIF <sup>308</sup>	Ct
22	O6C76_HUMAN	Olfactory receptor 6C76	<sup>296</sup> QAFKDVL <sup>RKISH</sup> <sup>307</sup>	Ct
23	OR2B2_HUMAN	Olfactory receptor 2B2	<sup>321</sup> SFAKDTVLT <sup>YL</sup> <sup>332</sup>	Ct
24	OR2J3_HUMAN	Olfactory receptor 2J3	<sup>93</sup> YTLRNKVV <sup>RGA</sup> <sup>304</sup>	Ct
25	OR2M4_HUMAN	Olfactory receptor 2M4	<sup>298</sup> FRALQKVL <sup>KKR</sup> <sup>309</sup>	Ct
26	OR4K3_HUMAN	Olfactory receptor 4K3	<sup>299</sup> RKLS <sup>SHIFKSR</sup> <sup>310</sup>	Ct
27	OR4KF_HUMAN	Olfactory receptor 4K15	<sup>337</sup> VVIRNVL <sup>FLET</sup> <sup>348</sup>	Ct
28	OR4Q2_HUMAN	Olfactory receptor 4Q2	<sup>300</sup> LWVRNGL <sup>TWKK</sup> <sup>311</sup>	Ct
29	OR5F1_HUMAN	Olfactory receptor 5F1	<sup>299</sup> KALANVIS <sup>RKRT</sup> <sup>310</sup>	Ct
30	OR5H2_HUMAN	Olfactory receptor 5H2	<sup>300</sup> KQVIDS <sup>FTK</sup> <sup>MVK</sup> <sup>311</sup>	Ct
31	OR5M8_HUMAN	Olfactory receptor 5M8	<sup>294</sup> KNVKEALIKELS <sup>305</sup>	Ct

32	OR6B3_HUMAN	Olfactory receptor 6B3	<sup>314</sup> GRLSSLELHLQ <sup>325</sup>	Ct
33	OR6C3_HUMAN	Olfactory receptor 6C3	<sup>296</sup> QAFKNVVHKVVF <sup>307</sup>	Ct
34	OR6C4_HUMAN	Olfactory receptor 6C4	<sup>297</sup> QAFKDSVKKIVK <sup>308</sup>	Ct
35	OR7A2_HUMAN	Putative olfactory receptor 7A2	<sup>299</sup> KGALTQFFRGKQ <sup>310</sup>	Ct
36	OR8A1_HUMAN	Olfactory receptor 8A1	<sup>314</sup> KAAVQKTLRGKL <sup>325</sup>	Ct
37	OR8J1_HUMAN	Olfactory receptor 8J1	<sup>299</sup> KTALQRFMTNLC <sup>310</sup>	Ct
38	OR8J2_HUMAN	Olfactory receptor 8J2	<sup>295</sup> KNVKDALKRFLD <sup>306</sup>	Ct
39	O10A4_HUMAN	Olfactory receptor 10A4	<sup>220</sup> VRILSTIFRMPS <sup>231</sup>	ICL3
40	O10AG_HUMAN	Olfactory receptor 10AG1	<sup>211</sup> KIISNILKLSSA <sup>222</sup>	ICL3
			<sup>210</sup> GKIISNILKLSS <sup>221</sup>	ICL3
41	O10D3_HUMAN	Putative olfactory receptor 10D3	<sup>220</sup> RITISILSIRTT <sup>231</sup>	ICL3
42	O10K1_HUMAN	Olfactory receptor 10K1	<sup>219</sup> IRIISAILKIPS <sup>230</sup>	ICL3
43	O11H4_HUMAN	Olfactory receptor 11H4	<sup>223</sup> YILRSYILLTA <sup>234</sup>	ICL3
44	O14CZ_HUMAN	Olfactory receptor 14C36	<sup>211</sup> FIIRSYIHIFST <sup>222</sup>	ICL3
45	O14J1_HUMAN	Olfactory receptor 14J1	<sup>217</sup> IRIFSTVLRIPS <sup>228</sup>	ICL3
46	O51A4_HUMAN	Olfactory receptor 51A4	<sup>221</sup> LILKTVLGIASK <sup>232</sup>	ICL3
47	O51A7_HUMAN	Olfactory receptor 51A7	<sup>219</sup> LILKTILSIASL <sup>230</sup>	ICL3
48	O51B5_HUMAN	Olfactory receptor 51B5	<sup>218</sup> LILKTVLSIASR <sup>229</sup>	ICL3
49	O51E1_HUMAN	Olfactory receptor 51E1	<sup>222</sup> LILKTVLGLTRE <sup>233</sup>	ICL3
50	O51F2_HUMAN	Olfactory receptor 51F2	<sup>234</sup> LIIRSVLSIASS <sup>245</sup>	ICL3
51	O51G2_HUMAN	Olfactory receptor 51G2	<sup>225</sup> LILRTVLSIASR <sup>236</sup>	ICL3
52	O51H1_HUMAN	Putative olfactory receptor 51H1	<sup>222</sup> LTLKTVLGIIVSR <sup>233</sup>	ICL3
53	O51Q1_HUMAN	Olfactory receptor 51Q1	<sup>222</sup> LILKNILGTATW <sup>233</sup>	ICL3
54	O51V1_HUMAN	Olfactory receptor 51V1	<sup>229</sup> LILKSVLAVASQ <sup>240</sup>	ICL3
55	O5AC2_HUMAN	Olfactory receptor 5AC2	<sup>222</sup> RVLFDILKKKSE <sup>233</sup>	ICL3
56	OR1E1_HUMAN	Olfactory receptor 1E1	<sup>219</sup> ARIVSSILKVPS <sup>230</sup>	ICL3
57	OR1E2_HUMAN	Olfactory receptor 1E2	<sup>228</sup> ARIVSSILKVPS <sup>239</sup>	ICL3
58	OR1L8_HUMAN	Olfactory receptor 1L8	<sup>220</sup> IRILTTVLKIPS <sup>231</sup>	ICL3
59	OR1P1_HUMAN	Olfactory receptor 1P1	<sup>232</sup> IRIVSAILRAPS <sup>243</sup>	ICL3
60	OR2F2_HUMAN	Olfactory receptor 2F2	<sup>220</sup> RIISTILKIQR <sup>231</sup>	ICL3
61	OR2G2_HUMAN	Olfactory receptor 2G2	<sup>229</sup> LRIKSATRRQKA <sup>240</sup>	ICL3
62	OR4E1_HUMAN	Olfactory receptor 4E1	<sup>228</sup> VSLRQQISKGKW <sup>239</sup>	ICL3
63	OR5A2_HUMAN	Olfactory receptor 5A2	<sup>227</sup> VKISSATGRTKA <sup>238</sup>	ICL3
64	OR6C6_HUMAN	Olfactory receptor 6C6	<sup>218</sup> CIIKTILKFSSA <sup>229</sup>	ICL3
65	OR6K3_HUMAN	Olfactory receptor 6K3	<sup>234</sup> VRIVTVILRIPS <sup>245</sup>	ICL3

66	OR7C1_HUMAN	Olfactory receptor 7C1	<sup>220</sup> KIVFSILRISSA <sup>231</sup>	ICL3
67	OR7D2_HUMAN	Olfactory receptor 7D2	<sup>219</sup> SRIASSIRKMSS <sup>230</sup>	ICL3
68	OR7G3_HUMAN	Olfactory receptor 7G3	<sup>219</sup> TRIVSSVMKIPS <sup>230</sup>	ICL3
69	OR8S1_HUMAN	Olfactory receptor 8S1	<sup>220</sup> RIISTILSISST <sup>231</sup>	ICL3
70	OR9I1_HUMAN	Olfactory receptor 9I1	<sup>220</sup> LIKTILKVKSS <sup>231</sup>	ICL3
71	O51I2_HUMAN	Olfactory receptor 51I2	<sup>130</sup> LRyatVLTTEVI <sup>141</sup>	ICL2
72	O52A4_HUMAN	Putative olfactory receptor 52A4	<sup>139</sup> VFTRQLVTYIVV <sup>150</sup>	ICL2
73	OR1L1_HUMAN	Olfactory receptor 1L1	<sup>97</sup> LAIRSDTRLQTP <sup>108</sup>	ICL1

<sup>C</sup>: C-terminal tail, ICL1: Intracellular loop 1, ICL2: Intracellular loop 2, ICL3: Intracellular loop 3.