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54 **Figure S7.** The presence of a “lipid portal” between P-domains of the ion channel sug-
55 gests a means by which the lipid 2AG may inhibit CatSper activity. (a) Subunit interac-
56 tions as viewed from the membrane bilayer shows openings large enough to allow pas-
57 sage of lipids. (b) Close-up view of lipid portal. (c) Result of interactive docking of 2AG
58 to the central chamber of CatSper through the lipid portal. (d) Close-up stereo view of 2-
59 AG docked to central chamber showing surface complementarity.

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