

Open-field protocols database

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Hide column: SDOP schema Show column: SDOP schema

SDOP schema	Japan Mouse Clinic (JMC)	European Mouse Disease Clinic (EUMODIC)	Miyakawa lab, Kyoto Univ., Japan	Koide lab, NIG, Japan
General experimental description				
Title				
Purpose				
Source				
Reference information				
Phenotyping pipeline				
Specific experimental description				
Mice being tested				
Equipment				
Consumables				
Experiment				
Notes				
Quality control				
Experimental data description				
Measured parameters	1 : Refer to Pheno-Pub Phenotypic Viewer	1 : Refer to Europhenome Phenome Data Viewer 2 : Refer to Eumorphia Baseline Data Browser		
Data analysis				

Click on “Equipment” to see the more detailed view

SDOP schema	Japan Mouse Clinic (JMC)	European Mouse Disease Clinic (EUMODIC)	Miyakawa lab, Kyoto Univ., Japan	Koide lab, NIG, Japan
Open-field arena	and 32 cm in height (O'Hara and Co., Ltd.). The ceiling is kept open and the floor is a removable tray, which is easy to clean.	approximately 50 cm high. 3) Arena floor should not be completely smooth that would not enable animals to move freely. 4) The base colour of the open field should not be white. Light grey (e.g. RAL 7035) compensates for various coat colours, if a video-tracking system is used.	in length, [40] cm in depth, and [30] cm in height. The color of floor and wall are [white] and [transparent] respectively.	in length, [60] cm in depth, and [40] cm in height. The color of floor and wall are [white] and [white] respectively.
Size				
Depth (cm)	40	no smaller than 44	40	60
Width (cm)	40	no smaller than 44	40	60
Height (cm)	32	approximately 50	30	40
Shape	box	box	box	box
Floor feature				
Color	white	Light grey (e.g. RAL 7035) (if a video-tracking system is used.)	white	white
Material	polyvinylchloride plastic board	polyvinylchloride plastic board	polyvinylchloride plastic board	polyvinylchloride plastic board
Transparency (%)	0	no description	0	0
Shape	square	square	square	square
Texture of surface	smooth	smooth	smooth	smooth
Wall feature				
Color	white	opaque	transparent	white
Material	polyvinylchloride plastic board	no description	polyvinylchloride plastic board	polyvinylchloride plastic board
Transparency (%)	0	0	100	0
Shape	square	square	square	square
Texture of surface	smooth	no description	smooth	smooth

Supplementary Fig.1. An example of detailed comparison of protocols in the SDOP-DB browser. The example shown is for “Equipment” in the SDOP of open-field test. The SDOP-DB allows users to provide detailed protocol differences among institutes/laboratories.