


volume\_sa    •   100   ●   200   ●   300   ●   400

avg\_activity     1.0 1.2 1.4 1.6 1.8

$$y = -59.5 + 0.643x \quad R^2 = 0.74$$

Solvent-accessible pocket volume

400

300

200

100

Solvent-accessible surface area

*Sandaracinus amylolyticus*

*Halobacteriovorax marinus*

*Actinoplanes atraurantiacus*

*Brachybacterium paraconglomeratum*

*Paenibacillus polysaccharolyticus*

*Saccharothrix espanaensis*    *Thermomonas haemolytica*

*Isoptericola variabilis*

*Dermabacter hominis*

*Plantibacter sp.*

*Chromatocurvus halotolerans*

*Granulosicoccus antarcticus*

*Brevibacterium antiquum*    *Xanthomonas campestris*

*Mobilicoccus massiliensis*

*Kytococcus sedentarius*

*Kocuria varians*

*Rothia mucilaginosa*