Supplementary information

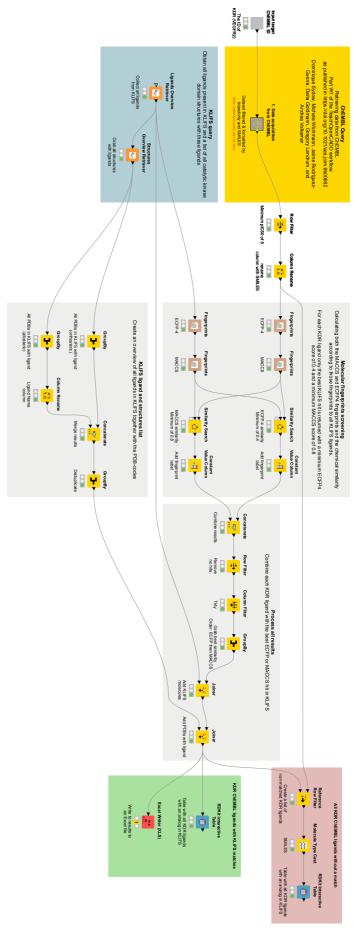
for

KLIFS: an overhaul after the first 5 years of supporting kinase research

Georgi K. Kanev^{1,2}, Chris de Graaf³, Bart A. Westerman², Iwan J.P. de Esch¹, Albert J. Kooistra^{4,*}

 ¹ Division of Medicinal Chemistry, Amsterdam Institute for Molecules, Medicines and Systems (AIMMS), Vrije Universiteit Amsterdam, De Boelelaan 1108, 1081 HZ Amsterdam, The Netherlands
² Department of Neurosurgery, Amsterdam University Medical Centers, Cancer Center Amsterdam, Brain Tumor Center Amsterdam, De Boelelaan 1117, 1081 HV Amsterdam, The Netherlands
³ Sosei Heptares, Steinmetz Building, Granta Park, Great Abington, Cambridge, CB21 6DG, UK
⁴ Department of Drug Design and Pharmacology, University of Copenhagen, Universitetsparken 2, 2100 Copenhagen, Denmark

^{*} To whom correspondence should be addressed. Tel: +45 35328305 Email: albert.kooistra@sund.ku.dk



downloaded at https://github.com/3D-e-Chem/workflows workflow starts with collecting all KDR (VEGFR2) inhibitors with a pIC50 value ≥ 5 from ChEMBL, followed by a fingerprint similarity analysis (both present. The remaining compounds for which no (close) analog was identified are shown in an interactive table. The KNIME workflow can be MACCS and ECFP-4) against all KLIFS ligands as collected by the KLIFS KNIME nodes. All compounds having a (close) analog in KLIFS, defined by a Figure S1. A KNIME workflow utilizing the KLIFS platform to identify analogs within KLIFS for every compound in a compound library in KLIFS. The Tanimoto similarity of 0.4 for ECP-4 and 0.8 for MACCS, are linked to the best hit in KLIFS together with a list of PDB-codes in which the ligand is