

**Supplementary Information for**

**Current challenges and opportunities in designing protein-protein interaction targeted  
drugs**

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**Supplementary Table S1. List of PPI drugs and candidates (in a separate Excel file)**

**Supplementary Table S2. PDB entries used for the FTMap analysis**

Typical Pockets (DUD)		Protein-Protein Interfaces (2P2I + Table 1)		
Protein	PDB ID	PPI	Protein Bound PDB ID	SMPPPI Bound PDB ID
AChE	1EVE	Bcl2/Bax	2XA0	2O22
AmpC	1XGJ	BclXL/Bak	1BXL	3ZLR
AR	1XQ2	HDM2/P53	1YCR	3TJ2
CDK2	1CKP	HPV_E2/E1	1TUE	1R6N
COX-1	1P4G	HRAS/SOS1	1BKD	2LWI
COX-2	1CX2	IL-2/IL-2R	1Z92	1M48
EGFr	1M17	Integrase/LEDGF	2B4J	3LPT
ERa	1L2I	MDM4/P53	3DAB	3LBJ
FGFr1	1AGW	TNFa	1TNF	2AZ5
FXa	1F0R	VHL/HIF1A	4AJY	3ZTD
GR	1M2Z	ZIPA/FTSZ	1F47	1Y2F
HIVPR	1HPX	CIAP1-1/CASPASE-9	3D9T	4KMN
HIVRT	1RT1	CIAP1-2/SMAC	3D9U	3MUP
MR	2AA2	XIAP/CASPASE-9	1NW9	2JK7
NA	1A4G	XIAP/SMAC	1G73	3CM2
PARP	1EFY	TNFR1A/TNFB	1TNR	1FT4
PPARg	1FM9	KEAP1/NRF2	2FLU	4IQK
PR	1SR7	KRAS/SOS1	KRAS*	4PZZ
RXRa	1MVC	XDM2/P53	1YCQ	4J3E
Thrombin	1BA8	CCR5/GP120**	6MET	4MBS
VEGFr2	1VR2	FKBP1A/CAN-CNB**	6TZ8	1BKF

\*: Modeled structure provided by 2P2I database authors

\*\*: Entries from Table 1