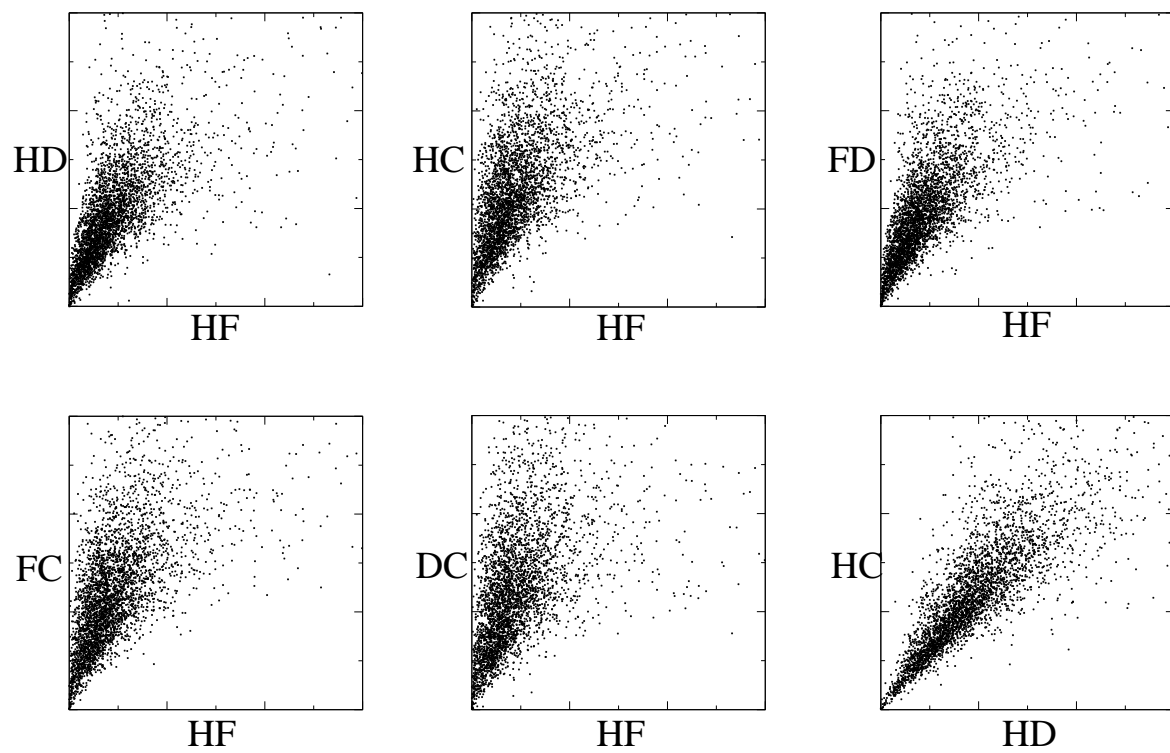
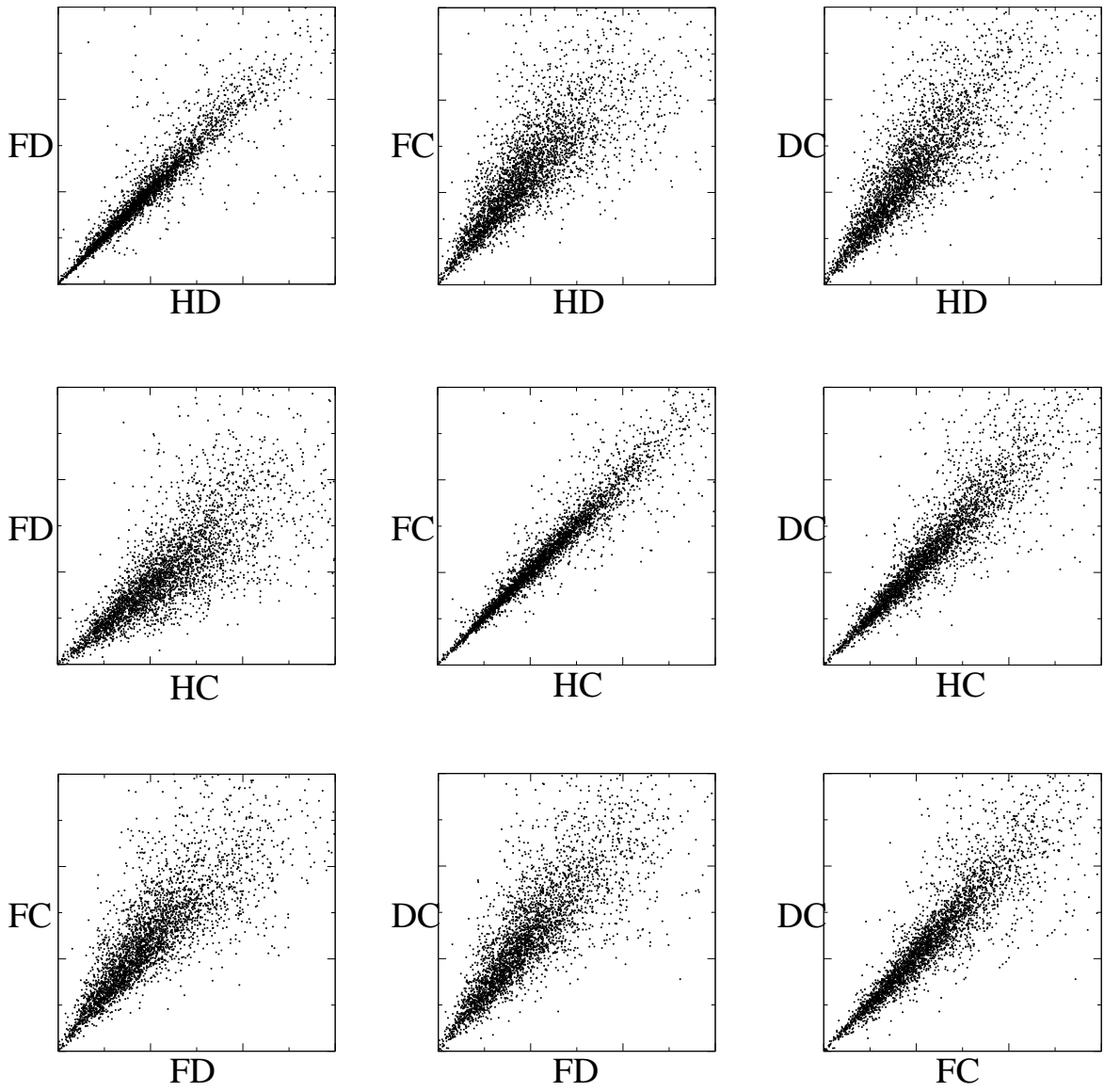











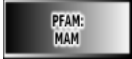











A Scatter plots





B Domain names

Symbol	Name	SMART	Pfam
	transmembrane helix		
	Tyrosine kinase	TyrKc	
	Immunoglobulin like	IG_like	
	Immunoglobulin C-2 Type	IGc2	
	Cadherin repeats	CA	
	Wnt-inhibitory factor-1 like domain	WIF	
	Fz domain		PF01392
	Kringle domain	KR	
	Low-density lipoprotein receptor domain class A	LDLa	

	MAM domain		PF00629
	Ephrin receptor ligand binding domain	EPH_lbd	
	Receptor L domain		PF01030
	Fibronectin type 3 domain	FN3	
	Sterile alpha motif	SAM	
	Furin-like repeats	FU	
	Src homology 3 domains	SH3	
	Src homology 2 domains	SH2	
	Fes/CIP4 homology domain	FCH	
	Band 4.1 homologues	B41	
	Focal adhesion targeting region		PF03623
	UBA/TS-N domain		PF00627

C Complete prokaryotic proteomes

Archaeobacteria	
Aeropyrum pernix	Archaeoglobus fulgidus
Halobacterium NRC-1	Methanobacterium thermoautotrophicum
Methanococcus jannaschii	Methanopyrus kandleri
Methanosarcina acetivorans	Methanosarcina mazei
Pyrobaculum aerophilum	Pyrococcus abyssi
Pyrococcus furiosus	Pyrococcus horikoshii
Sulfolobus solfataricus	Sulfolobus tokodaii
Thermoplasma acidophilum	Thermoplasma volcanium
Eubacteria	
Agrobacterium tumefaciens	Anabaena sp.
Aquifex aeolicus	Bacillus cereus
Bacteroides thetaiotaomicron	Borrelia burgdorferi
Bradyrhizobium japonicum	Campylobacter jejuni
Chlamydia muridarum	Clostridium acetobutylicum
Corynebacterium glutamicum	Deinococcus radiodurans
Escherichia coli	Haemophilus influenzae
Helicobacter pylori	Leptospira interrogans
Listeria monocytogenes	Mycoplasma pneumoniae
Nitrosomonas europaea	Oceanobacillus iheyensis
Pseudomonas aeruginosa	Ralstonia solanacearum
Rhizobium loti	Rickettsia conorii
Rickettsia prowazekii	Salmonella typhimurium
Shewanella oneidensis	Staphylococcus epidermidis
Streptococcus pyogenes	Streptomyces coelicolor
Synechococcus elongatus	Synechocystis sp.
Thermotoga maritima	Treponema pallidum
Tropheryma whipplei	Vibrio cholerae
Wigglesworthia gloss. brevipalpis	Xanthomonas campestris
Xylella fastidiosa	Yersinia pestis

D Erklärung zur Urheberschaft

Hiermit erkläre ich, dass ich diese Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel verwendet habe.

Hans-Günther Luz

Berlin, im Februar 2005