

Benchmark Tests (Direct)									
Test Name	Action Name	Blur	Foundation	LooksRare	Seaport	Seaport-1.2	sudoswap	X2Y2	ZeroEx
ERC721 -> ETH List-On-Chain	List	✗	74026(+121%)	✗	36438(+9%)	41445(+24%)	96681(+189%)	✗	33474
	Fulfill	✗	91049(+81%)	✗	55524(+10%)	53828(+7%)	50363	✗	56953(+13%)
ERC721 -> ETH	Fulfill, w/ Sig	229914(+212%)	✗	167714(+127%)	75076(+2%)	73798	✗	120394(+63%)	74331(+1%)
ERC1155 -> ETH List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	34010(+14%)
	Fulfill	✗	✗	✗	52117(+3%)	50412	✗	✗	56149(+11%)
ERC1155 -> ETH	Fulfill, w/ Sig	✗	✗	129797(+75%)	75669(+2%)	74382	✗	✗	75523(+2%)
ERC721 -> WETH List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	31474(+5%)
	Fulfill	✗	✗	✗	61948(+2%)	60485	✗	✗	80612(+33%)
ERC721 -> WETH	Fulfill, w/ Sig	184250(+119%)	✗	102323(+22%)	85500(+2%)	84455	✗	139241(+66%)	84090
ERC721 -> ERC20 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	94684(+216%)	✗	31474(+5%)
	Fulfill	✗	✗	✗	61800(+2%)	60337	77802(+29%)	✗	80431(+33%)
ERC721 -> ERC20	Fulfill, w/ Sig	✗	✗	102192(+22%)	85352(+2%)	84307	✗	138770(+65%)	83909
ERC1155 -> ERC20 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	32010(+7%)
	Fulfill	✗	✗	✗	62507(+2%)	61032	✗	✗	61727(+1%)
ERC1155 -> ERC20	Fulfill w/ Sig	✗	✗	103558(+22%)	86059(+1%)	85002	✗	✗	85101
ERC20 -> ERC721 List-On-Chain	List	✗	✗	✗	29938(+30%)	34945(+52%)	22946	✗	31474(+37%)
	Fulfill	✗	✗	✗	61936(+2%)	60464	64088(+6%)	✗	82624(+37%)
ERC20 -> ERC721	Fulfill w/ Sig	✗	✗	102189(+22%)	85488(+2%)	84434	✗	136823(+63%)	84102
WETH -> ERC721 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	31474(+5%)
	Fulfill	✗	✗	✗	62084(+2%)	60612	✗	✗	80772(+33%)
WETH -> ERC721	Fulfill w/ Sig	182267(+116%)	✗	102354(+21%)	85636(+2%)	84582	✗	137314(+63%)	84250
ERC20 -> ERC1155 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	32010(+7%)
	Fulfill	✗	✗	✗	62560(+2%)	61088	✗	✗	64043(+5%)
ERC20 -> ERC1155	Fulfill w/ Sig	✗	✗	103572(+22%)	86112(+1%)	85058	✗	✗	85417
ERC721 -> ERC1155 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	✗
	Fulfill	✗	✗	✗	70967(+4%)	68215	✗	✗	✗
ERC721 -> ERC1155	Fulfill w/ Sig	✗	✗	✗	94580(+3%)	91950	✗	✗	✗
ERC1155 -> ERC721 List-On-Chain	List	✗	✗	✗	29938	34945(+17%)	✗	✗	✗
	Fulfill	✗	✗	✗	70967(+4%)	68215	✗	✗	✗
ERC1155 -> ERC721	Fulfill w/ Sig	✗	✗	✗	94580(+3%)	91950	✗	✗	✗
ERC721 -> ETH One-Fee-Recipient List-On-Chain	List	✗	50226(+64%)	✗	30646	37088(+21%)	✗	✗	34418(+12%)
	Fulfill	✗	101656(+22%)	✗	85277(+2%)	83440	✗	✗	104645(+25%)
ERC721 -> ETH One-Fee-Recipient	Fulfill w/ Sig	233568(+116%)	✗	✗	110829(+3%)	109409(+1%)	✗	134873(+25%)	108124
ERC721 -> ETH Two-Fee-Recipient List-On-Chain	List	✗	✗	✗	31359	39232(+25%)	✗	✗	37904(+21%)
	Fulfill	✗	✗	✗	119029(+2%)	117052	✗	✗	138982(+19%)
ERC721 -> ETH Two-Fee-Recipient	Fullfil /w Sig	270408(+92%)	✗	✗	142581(+1%)	141021	✗	168632(+20%)	142461(+1%)
ERC721x10 -> ETH List-On-Chain	List	✗	✗	✗	35449	51485(+45%)	570194(+1508%)	✗	✗
	Fulfill	✗	✗	✗	147027(+19%)	140569(+14%)	123818	✗	✗
ERC721x10 -> ETH	Fulfill /w Sig	✗	✗	✗	152641(+4%)	146305	✗	176552(+21%)	✗
ERC721x10 -> ETH Distinct Orders List-On-Chain	List	✗	✗	✗	290235	338008(+16%)	956788(+230%)	✗	✗
	Fulfill	✗	✗	✗	405732(+15%)	352478	386803(+10%)	✗	✗
ERC721x10 -> ETH Distinct Orders	Fulfill /w Sigs	1313809(+230%)	✗	✗	638007(+60%)	585936(+47%)	✗	694729(+74%)	398542
ERC721x10 -> ERC20 Distinct Orders List-On-Chain	List	✗	✗	✗	290235	338008(+16%)	✗	✗	✗
	Fulfill	✗	✗	✗	413748(+15%)	360527	✗	✗	✗
ERC721x10 -> ERC20 Distinct Orders	Fulfill /w Sigs	✗	✗	✗	648023(+82%)	595985(+68%)	✗	933079(+162%)	355522
ERC721x10 -> WETH Distinct Orders List-On-Chain	List	✗	✗	✗	290235	338008(+16%)	✗	✗	✗
	Fulfill	✗	✗	✗	413896(+15%)	360675	✗	✗	✗
ERC721x10 -> WETH Distinct Orders	Fulfill /w Sigs	1280605(+258%)	✗	✗	648171(+81%)	596133(+67%)	✗	937989(+162%)	357332
ERC721 A -> B -> C -> A	Fulfill /w Sigs	✗	✗	✗	206132(+6%)	194721	✗	✗	✗